

M-Series Buccaneer

The M-Series Buccaneer range has been designed to offer flexible connectivity solutions for a variety of industrial automation applications. With metal and plastic variants, these rugged and robust interconnects are ideal for industries requiring secure and reliable connections.

- Available types: M5, M8, M12, M16 & M23
- Reliable sensor, actuator and data connectivity solutions
- Straight and right angled configurations
- Quick and secure screw coupling mechanism
- Backwards compatible versions
- Available as field attachable connectors, receptacles or with overmolded cables
- Plastic and Metal Variants
- Ratings from 1A, 30V ac/dc up to 8A, 250V ac/dc
- Overmolded cables PVC & PUR
- IP67 Rating
- Cable lengths from 1m - 15m
- A, B and D Coding Options
- Power Distribution Units Available



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M-Series Buccaneer



Bulgin's M-Series connector range is the ideal connectivity solution for **industrial automation** technologies that require fast, secure and reliable connections with a **high degree** of **environmental protection**.



Bulgin's automation interconnect range includes circular metric connectors with industry standard M5, M8, M12, M16 & M23 threads in addition to panel mount receptacles, overmolded cable variants and power/signal distributor units. This comprehensive product portfolio offers a large degree of flexibility with chemically and mechanically robust connectors that are easy to install, help decrease downtime and increase production efficiency in a wide range of markets.

Applications include:

- Factory Automation
- Robotics
- Measurement & Instrumentation
- Manufacturing & Machine Tools
- Process Control Systems
- Medical
- Food & Beverage Processing
- Industrial Network

The most compact connector type in the M-Series range, Bulgin's waterproof M5 sensor connectors come in straight and angled forms with PVC or PUR overmolded cable options and a variety of panel mount receptacles.



With an industry standard screw coupling mechanism and IP67 rating, this circular connector product line is particularly suited to automotive, process control, commercial electronics & instrumentation applications that require reliable and robust miniature sensors.

Key features:

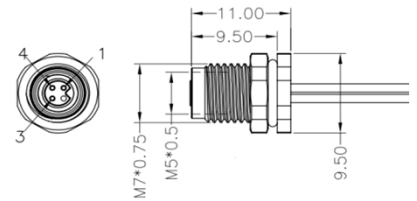
- Secure & reliable screw locking mechanism
- Robust PVC & PUR overmolded cables
- Cable length from 1m - 15m
- High degree of environmental protection - IP67 rated
- Straight & right angled cable connectors
- Rear & front panel mount receptacles
- Available with 3 or 4 poles

M5 Rear Panel Mounting Female



PXMBNI05RPF

- Available in 3 and 4 poles
- PCB or flying lead termination
- Rear panel mounting M7 nut
- Mates with Flex Inline Body connectors



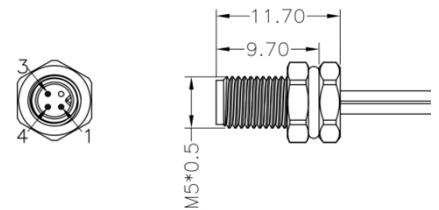
Part Number	Poles	Code	Termination	Lead Length
PXMBNI05RPF03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI05RPF03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI05RPF03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI05RPF04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI05RPF04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI05RPF04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI05RPF03APC	03	A	PCB Terminal	-
PXMBNI05RPF04APC	04	A	PCB Terminal	-

M5 Rear Panel Mounting Male



PXMBNI05RPM

- Available in 3 and 4 poles
- PCB or flying lead termination
- Rear panel mounting M5 nut
- Mates with Flex Body connectors



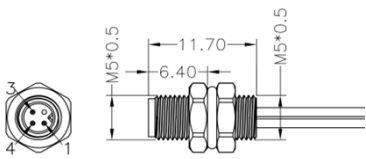
Part Number	Poles	Code	Termination	Lead Length
PXMBNI05RPM03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI05RPM03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI05RPM03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI05RPM04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI05RPM04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI05RPM04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI05RPM03APC	03	A	PCB Terminal	-
PXMBNI05RPM04APC	04	A	PCB Terminal	-

M5 Front Panel Mounting Male



PXMBNI05FPM

- Available in 3 and 4 poles
- PCB or flying lead termination
- Rear panel mounting M5
- Mates with Flex Body connectors



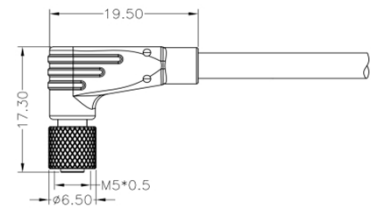
Part Number	Poles	Code	Termination	Lead Length
PXMBNI05FPM03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI05FPM03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI05FPM03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI05FPM04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI05FPM04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI05FPM04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI05FPM03APC	03	A	PCB Terminal	-
PXMBNI05FPM04APC	04	A	PCB Terminal	-

M5 Right Angled Female



PXPTPU05RAF
PXPPVC05RAF

- Available in 3 and 4 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



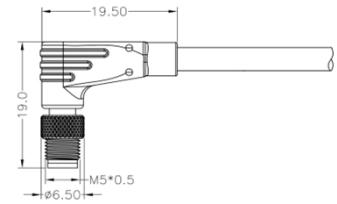
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC05RAF03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05RAF03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05RAF03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05RAF03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05RAF03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05RAF03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05RAF03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05RAF03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05RAF03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05RAF03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05RAF03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05RAF03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC05RAF04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05RAF04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05RAF04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05RAF04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05RAF04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05RAF04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05RAF04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05RAF04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05RAF04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05RAF04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05RAF04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05RAF04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR

M5 Right Angled Male



PXPTPU05RAM
PXPPVC05RAM

- Available in 3 and 4 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Inline Body
- Mates with Flex Body & panel mount connectors



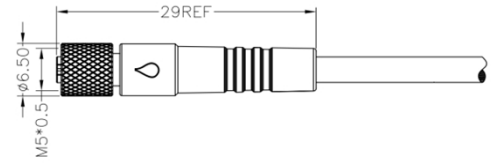
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC05RAM03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05RAM03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05RAM03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05RAM03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05RAM03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05RAM03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05RAM03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05RAM03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05RAM03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05RAM03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05RAM03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05RAM03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC05RAM04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05RAM04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05RAM04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05RAM04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05RAM04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05RAM04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05RAM04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05RAM04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05RAM04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05RAM04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05RAM04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05RAM04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR

M5 Flex Body Female



PXPTPU05FBF
PXPPVC05FBF

- Available in 3 and 4 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



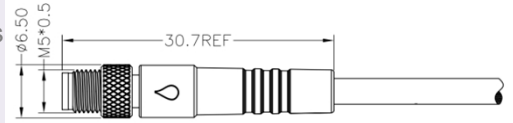
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC05FBF03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05FBF03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05FBF03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05FBF03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05FBF03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05FBF03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05FBF03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05FBF03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05FBF03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05FBF03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05FBF03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05FBF03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC05FBF04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05FBF04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05FBF04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05FBF04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05FBF04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05FBF04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05FBF04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05FBF04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05FBF04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05FBF04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05FBF04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05FBF04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR

M5 Flex Inline Body Male



PXPTPU05FIM
PXPPVC05FIM

- Available in 3 and 4 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Inline Body
- Mates with Flex Body & panel mount connectors



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC05FIM03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05FIM03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05FIM03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05FIM03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05FIM03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05FIM03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05FIM03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05FIM03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05FIM03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05FIM03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05FIM03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05FIM03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC05FIM04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU05FIM04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC05FIM04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU05FIM04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC05FIM04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU05FIM04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC05FIM04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU05FIM04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC05FIM04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU05FIM04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC05FIM04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU05FIM04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR

Electrical:

No. Poles	3	4
Current Rating	1A	1A
Voltage Rating (ac/dc)	60V	60V
Contact Resistance	<10mΩ	
Insulation Resistance	>100MΩ	
AC Breakdown Voltage		
3 Pole	1.5KV	
4 Pole	1.5KV	
Operating Temp Range	-25°C to 80°C	

Mechanical:

Locking mechanism	Screw coupling
Sealing	IP67
Terminations:	
3 Pole	Single wire / PCB / Cable
4 Pole	Single wire / PCB / Cable
Mechanical Operation	500 mating cycles
Diameter over coupling ring	6.5mm

Materials:

Panel Mount

Body	Nickel Plated Brass
Coupling Nut	Nickel Plated Brass
Colour	Grey
Pin Contacts	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold plating
O Rings & Gaskets	Viton
RoHS	Compliant

Cable Connectors

TPU / PVC
Nickel Plated Brass
Black
Brass, Gold plating
Phosphor Bronze, Gold plating
Viton
Compliant

MX	XXX	XX	XX	X	XX	X	XX	XXX	XXX
Series	Material	Series Size	Body Style	Orientation	No. Contacts	Code	Termination	Lead Length	Cable Material
PXM	BNI = Brass Nickel	05	FB = Flex Body	M	03	A	PC = PCB	001	PUR
PXP	TPU = overmold for PUR PVC = overmold for PVC		FI = Flex Inline Body FP = Front Panel Mounting RP = Rear Panel Mounting RA = Right Angle	F	04		FL = Flying Lead CL = Cable	002 003 010 020 030 050 100 150	PVC

Bulgin's [M8 circular connectors](#) and overmolded cables are designed to fulfil the ever growing demand for [sensor](#), [actuator](#) and [data connections](#) in process control, industrial machinery and factory automation applications.



These compact sensor and automation connectors with screw lock coupling are mechanically and chemically robust, easy to install, minimise downtime and help to increase production efficiency. Rated to the IP67 standard, Bulgin's M8 Series ensure safe, secure and reliable protection from liquids, dust, moisture and dirt whilst also providing great resistance against vibrations to ensure that connections are not disrupted.

Key features:

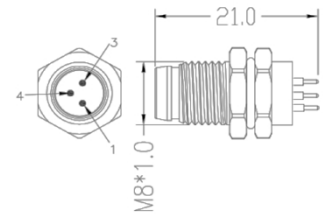
- ⬢ Straight & right angled configurations
- ⬢ Environmental protection class IP67
- ⬢ 3, 4 or 5 contacts
- ⬢ Field installable connectors, panel mounts & overmolded cable options
- ⬢ Metal & plastic shell options
- ⬢ PVC or PUR jacketed cable variants with many lengths from 1m – 15m
- ⬢ A & B coded

M8 Rear Panel Mounting Male



PXMBNI08RPM

- Available in 3, 4 and 5 poles
- PCB or flying lead termination
- Rear panel mounting M8
- Mates with Flex Body connectors



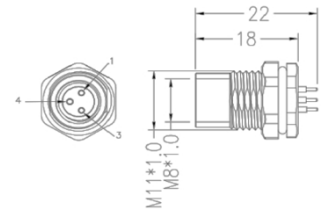
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08RPM03APC	03	A	PCB Terminal	-
PXMBNI08RPM04APC	04	A	PCB Terminal	-
PXMBNI08RPM05BPC	05	B	PCB Terminal	-
PXMBNI08RPM03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI08RPM03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI08RPM03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI08RPM04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI08RPM04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI08RPM04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI08RPM05BFL001	05	B	Flying Lead	100 mm Lead Length
PXMBNI08RPM05BFL002	05	B	Flying Lead	200 mm Lead Length
PXMBNI08RPM05BFL003	05	B	Flying Lead	300 mm Lead Length

M8 Rear Panel Mounting Female



PXMBNI08RPF

- Available in 3, 4 and 5 poles
- PCB or flying lead termination
- Rear panel mounting M11 nut
- Mates with Flex Inline Body connectors



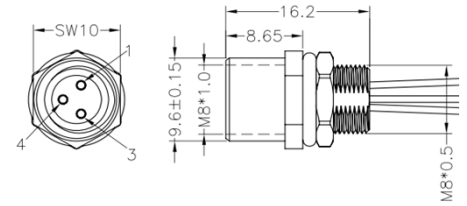
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08RPF03APC	03	A	PCB Terminal	-
PXMBNI08RPF04APC	04	A	PCB Terminal	-
PXMBNI08RPF05BPC	05	B	PCB Terminal	-
PXMBNI08RPF03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI08RPF03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI08RPF03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI08RPF04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI08RPF04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI08RPF04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI08RPF05BFL001	05	B	Flying Lead	100 mm Lead Length
PXMBNI08RPF05BFL002	05	B	Flying Lead	200 mm Lead Length
PXMBNI08RPF05BFL003	05	B	Flying Lead	300 mm Lead Length

M8 Front Panel Mounting Female



PXMBNI08FPF

- Available in 3, 4 and 5 poles
- Flying lead termination
- Front panel mounting M8
- Mates with Flex Inline Body connectors



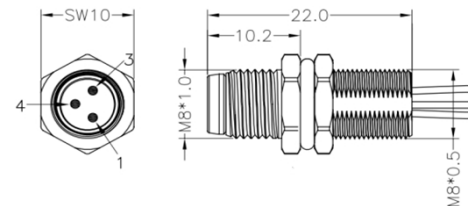
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08FPF03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI08FPF03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI08FPF03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI08FPF04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI08FPF04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI08FPF04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI08FPF05BFL001	05	B	Flying Lead	100 mm Lead Length
PXMBNI08FPF05BFL002	05	B	Flying Lead	200 mm Lead Length
PXMBNI08FPF05BFL003	05	B	Flying Lead	300 mm Lead Length

M8 Front Panel Mounting Male



PXMBNI08FPM

- Available in 3, 4 and 5 poles
- Flying lead termination
- Front panel mounting M8
- Mates with Flex Body connectors



Part Number	Poles	Code	Termination	Lead Length
PXMBNI08FPM03AFL001	03	A	Flying Lead	100 mm Lead Length
PXMBNI08FPM03AFL002	03	A	Flying Lead	200 mm Lead Length
PXMBNI08FPM03AFL003	03	A	Flying Lead	300 mm Lead Length
PXMBNI08FPM04AFL001	04	A	Flying Lead	100 mm Lead Length
PXMBNI08FPM04AFL002	04	A	Flying Lead	200 mm Lead Length
PXMBNI08FPM04AFL003	04	A	Flying Lead	300 mm Lead Length
PXMBNI08FPM05BFL001	05	B	Flying Lead	100 mm Lead Length
PXMBNI08FPM05BFL002	05	B	Flying Lead	200 mm Lead Length
PXMBNI08FPM05BFL003	05	B	Flying Lead	300 mm Lead Length

BUCCANEER

M8 Series

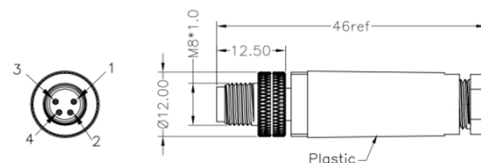


M8 Flex Inline Body Male



PXPPAM08FIM

- Available in 3 and 4 poles
- Screw termination
- Plastic Flex Inline Body
- Mates with Flex Body and panel mount connectors



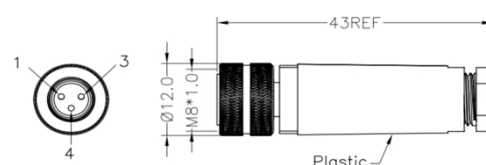
Part Number	Poles	Code	Termination
PXPPAM08FIM03AST	03	A	Screw Terminal
PXPPAM08FIM04AST	04	A	Screw Terminal

M8 Flex Body Female



PXPPAM08FBF

- Available in 3 and 4 poles
- Screw termination
- Plastic Flex Body
- Mates with Flex Inline Body and panel mount connectors



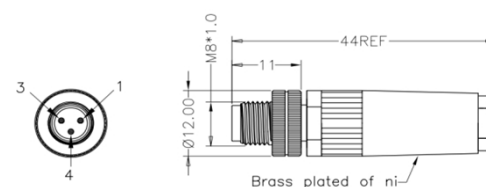
Part Number	Poles	Code	Termination
PXPPAM08FBF03AST	03	A	Screw Terminal
PXPPAM08FBF04AST	04	A	Screw Terminal

Brass - Nickel Plating M8 Flex Inline Body Male



PXMBNI08FIM

- Available in 3, 4 and 5 poles
- Solder termination
- Metal Flex Inline Body
- Mates with Flex Body and panel mount connectors



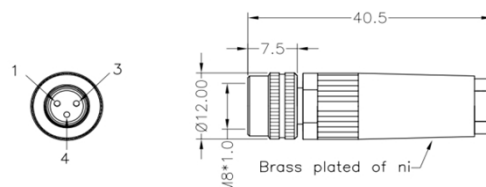
Part Number	Poles	Code	Termination
PXMBNI08FIM03ASC	03	A	Solder Terminal
PXMBNI08FIM04ASC	04	A	Solder Terminal
PXMBNI08FIM05BSC	05	B	Solder Terminal

Brass - Nickel Plating M8 Flex Body Female



PXMBNI08FBF

- Available in 3, 4 and 5 poles
- Solder termination
- Metal Flex Body
- Mates with Flex Inline Body and panel mount connectors



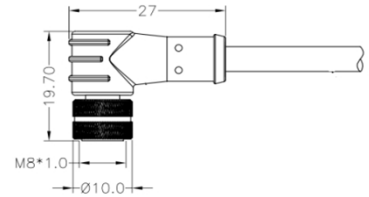
Part Number	Poles	Code	Termination
PXMBNI08FBF03ASC	03	A	Solder Terminal
PXMBNI08FBF04ASC	04	A	Solder Terminal
PXMBNI08FBF05BSC	05	B	Solder Terminal

M8 Right Angled Female



PXPTPU08RAF
PXPPVC08RAF

- Available in 3, 4 and 5 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



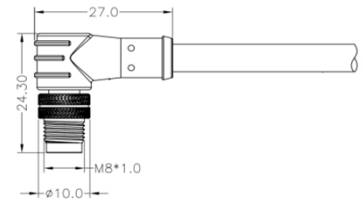
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08RAF03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08RAF03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08RAF03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08RAF03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08RAF03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08RAF03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08RAF03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08RAF03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08RAF03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08RAF03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08RAF03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08RAF03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08RAF04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08RAF04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08RAF04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08RAF04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08RAF04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08RAF04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08RAF04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08RAF04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08RAF04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08RAF04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08RAF04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08RAF04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08RAF05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU08RAF05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC08RAF05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU08RAF05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
PXPPVC08RAF05BCL030PVC	05	B	Overmold Cable	3 M Lead Length	PVC
PXPTPU08RAF05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC08RAF05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
PXPTPU08RAF05BCL050PUR	05	B	Overmold Cable	5 M Lead Length	PUR
PXPPVC08RAF05BCL100PVC	05	B	Overmold Cable	10 M Lead Length	PVC
PXPTPU08RAF05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
PXPPVC08RAF05BCL150PVC	05	B	Overmold Cable	15 M Lead Length	PVC
PXPTPU08RAF05BCL150PUR	05	B	Overmold Cable	15 M Lead Length	PUR

M8 Right Angled Male



PXPTPU08RAM
PXPPVC08RAM

- Available in 3, 4 and 5 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Inline Body
- Mates with Flex Body & panel mount connectors



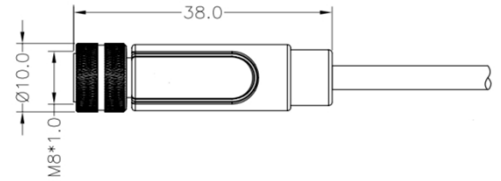
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08RAM03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08RAM03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08RAM03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08RAM03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08RAM03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08RAM03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08RAM03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08RAM03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08RAM03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08RAM03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08RAM03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08RAM03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08RAM04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08RAM04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08RAM04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08RAM04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08RAM04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08RAM04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08RAM04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08RAM04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08RAM04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08RAM04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08RAM04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08RAM04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08RAM05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU08RAM05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC08RAM05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU08RAM05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
PXPPVC08RAM05BCL030PVC	05	B	Overmold Cable	3 M Lead Length	PVC
PXPTPU08RAM05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC08RAM05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
PXPTPU08RAM05BCL050PUR	05	B	Overmold Cable	5 M Lead Length	PUR
PXPPVC08RAM05BCL100PVC	05	B	Overmold Cable	10 M Lead Length	PVC
PXPTPU08RAM05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
PXPPVC08RAM05BCL150PVC	05	B	Overmold Cable	15 M Lead Length	PVC
PXPTPU08RAM05BCL150PUR	05	B	Overmold Cable	15 M Lead Length	PUR

M8 Flex Body Female



PXPTPU08FBF
PXPPVC08FBF

- Available in 3, 4 and 5 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



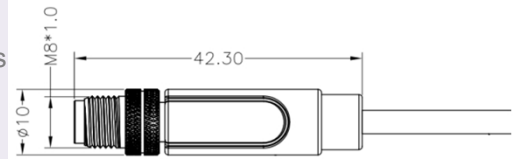
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08FBF03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08FBF03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08FBF03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08FBF03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08FBF03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08FBF03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08FBF03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08FBF03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08FBF03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08FBF03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08FBF03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08FBF03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08FBF04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08FBF04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08FBF04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08FBF04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08FBF04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08FBF04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08FBF04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08FBF04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08FBF04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08FBF04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08FBF04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08FBF04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08FBF05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU08FBF05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC08FBF05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU08FBF05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
PXPPVC08FBF05BCL030PVC	05	B	Overmold Cable	3 M Lead Length	PVC
PXPTPU08FBF05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC08FBF05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
PXPTPU08FBF05BCL050PUR	05	B	Overmold Cable	5 M Lead Length	PUR
PXPPVC08FBF05BCL100PVC	05	B	Overmold Cable	10 M Lead Length	PVC
PXPTPU08FBF05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
PXPPVC08FBF05BCL150PVC	05	B	Overmold Cable	15 M Lead Length	PVC
PXPTPU08FBF05BCL150PUR	05	B	Overmold Cable	15 M Lead Length	PUR

M8 Flex Inline Body Male



PXPTPU08FIM
PXPPVC08FIM

- Available in 3, 4 and 5 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Inline Body
- Mates with Flex Body & panel mount connectors



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08FIM03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08FIM03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08FIM03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08FIM03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08FIM03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08FIM03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08FIM03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08FIM03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08FIM03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08FIM03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08FIM03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08FIM03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08FIM04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU08FIM04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC08FIM04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU08FIM04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC08FIM04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU08FIM04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC08FIM04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU08FIM04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC08FIM04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU08FIM04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC08FIM04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU08FIM04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC08FIM05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU08FIM05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC08FIM05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU08FIM05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
PXPPVC08FIM05BCL030PVC	05	B	Overmold Cable	3 M Lead Length	PVC
PXPTPU08FIM05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC08FIM05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
PXPTPU08FIM05BCL050PUR	05	B	Overmold Cable	5 M Lead Length	PUR
PXPPVC08FIM05BCL100PVC	05	B	Overmold Cable	10 M Lead Length	PVC
PXPTPU08FIM05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
PXPPVC08FIM05BCL150PVC	05	B	Overmold Cable	15 M Lead Length	PVC
PXPTPU08FIM05BCL150PUR	05	B	Overmold Cable	15 M Lead Length	PUR

Electrical:

No. Poles	3	4	5
Current Rating	3A	3A	1.5A
Voltage Rating (ac/dc)	60V	30V	30V
Contact Resistance	<10mΩ		
Insulation Resistance	>100MΩ		
AC Breakdown Voltage			
3 Pole	1.5KV		
4 Pole	0.8KV		
5 Pole	0.8KV		
Operating Temp Range	-25°C to 80°C		

Mechanical:

Locking mechanism	Screw coupling
Sealing	IP67
Contact Accomodation:	
3, 4 & 5 Pole	28AWG-22AWG
Cable Acceptance	3.0 - 3.5 mm Dia
Terminations:	
3 Pole	Single wire / PCB / Cable Screw / Solder
4 Pole	Single wire / PCB / Cable Screw / Solder
5 Pole	Single wire / PCB / Cable Solder
Mechanical Operation	500 mating cycles
Diameter over coupling ring	12.5mm

Materials:

Panel Mount

Cable Connectors

Flex & Inline Connectors

Body	Nickel Plated Brass	TPU / PVC	Nickel Plated Brass / PA66
Coupling Nut	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Colour	Grey	Black	Black or Grey
Pin Contacts	Brass, Gold plating	Brass, Gold plating	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold plating	Phosphor Bronze, Gold plating	Phosphor Bronze, Gold plating
O Rings & Gaskets	Viton	Viton	Viton
RoHS	Compliant	Compliant	Compliant

MX	XXX	XX	XX	X	XX	X	XX	XXX	XXX
Series	Material	Series Size	Body Style	Orientation	No. Contacts	Code	Termination	Lead Length	Cable Material
PXM	BNI = Brass Nickel	08	FB = Flex Body	M	03	A	ST = Screw Terminal	001	PUR
PXP	PAM = Polyamide		FI = Flex Inline Body	F	04	B	PC = PCB	002	PVC
	TPU = overmold for PUR		FP = Front Panel Mounting		05		FL = Flying Lead	003	
	PVC = overmold for PVC		RP = Rear Panel Mounting				CL = Cable	010	
			RA = Right Angle				SC = Solder	020	
								030	
								050	
								100	
								150	

With a high degree of mechanical and electrical stability, Bulgin's M12 connectors provide a cost effective and flexible connectivity solution for onsite installations, helping to decrease downtime in process control, manufacturing automation and industrial instrumentation applications



Key features:

- ⬢ Reliable industry standard screw locking mechanism
- ⬢ IP67 degree of protection
- ⬢ A, B and D Coded versions
- ⬢ Field installable, cable and panel mount options
- ⬢ Plastic and metal options variants
- ⬢ Straight and right angled forms
- ⬢ Overmolded PVC or PUR cable connectors
- ⬢ Shielded options
- ⬢ Pole variants from 3 – 12

M12 connectors are established as one of the most reliable and efficient connection standards for Industrial Machinery and Factory Automation applications. With a small footprint, extremely low failure rate and high performance capabilities, this range is ideal not only for sensor connections but also for a variety of fieldbus systems.

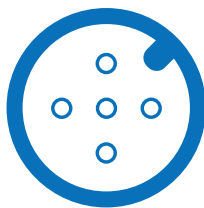
These M12 Series circular connectors are rugged, easy to use and extremely reliable solutions for sensor/actuator connectivity in industrial automation and control applications. With an IP67 rating, they are also extremely effective in harsh environments outside of industrial automation applications where compact and dependable connections with environmental protection are required.

Bulgin's field attachable M12 connectors feature a robust aluminium coupling nut, making them a lightweight and durable alternative to the more common nickel-plated M12 nut variants and an ideal plug and play solution for upgrading sensor systems with M12 connectivity.



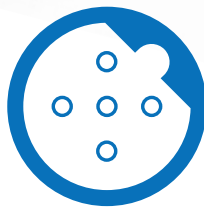
Bulgin's M12 Series connectors are available in a variety of industry standard keying/coding options to further minimize wiring errors and serve a large variety of customer needs.

M12 Series coding options:



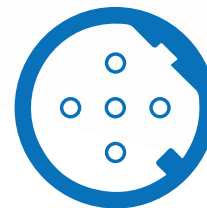
A-Coding

Primarily for general sensor-actuator connections



B-Coding

For fieldbus and signal connections (PROFIBUS & INTERBUS systems)



D-Coding

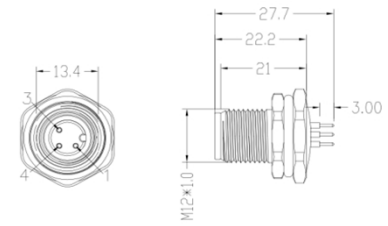
For industrial Ethernet and PROFINET

M12 Rear Panel Mounting Male



PXMBNI12RPM

- 3, 4, 5, 8 and 12 poles
- PCB termination
- Different panel mounting options available
- Mates with Flex Body connectors



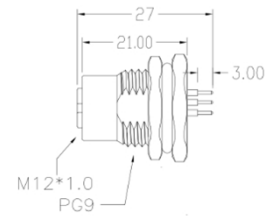
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPM03APCPG9	03	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM04APCPG9	04	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM05APCPG9	05	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM08APCPG9	08	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM12APCPG9	12	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM05BPCPG9	05	B	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM04DPCPG9	04	D	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM03APCM16	03	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM04APCM16	04	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM05APCM16	05	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM08APCM16	08	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM12APCM16	12	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM05BPCM16	05	B	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM04DPCM16	04	D	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM03APCM12	03	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM04APCM12	04	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM05APCM12	05	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM08APCM12	08	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM12APCM12	12	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM05BPCM12	05	B	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM04DPCM12	04	D	PCB Terminal	M12 Mounting / Gland Nut Thread

M12 Rear Panel Mounting Female



PXMBNI12RPF

- 3, 4, 5, 8 and 12 poles
- PCB termination
- Different panel mounting options available
- Mates with Flex Inline Body connectors



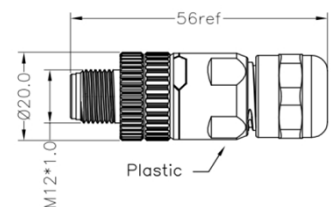
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPF03APCPG9	03	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF04APCPG9	04	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF05APCPG9	05	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF08APCPG9	08	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF12APCPG9	12	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF05BPCPG9	05	B	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF04DPCPG9	04	D	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF03APCM16	03	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF04APCM16	04	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF05APCM16	05	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF08APCM16	08	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF12APCM16	12	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF05BPCM16	05	B	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF04DPCM16	04	D	PCB Terminal	M16 Mounting / Gland Nut Thread

M12 Flex Inline Body Male



PXPPAM12FIM

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Inline Body
- Mates with Flex body and panel mount connectors



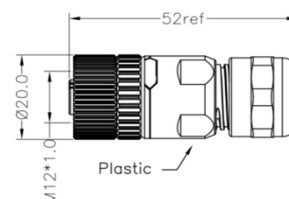
Part Number	Poles	Code	Termination
PXPPAM12FIM03ASTPG9	03	A	Screw Terminal
PXPPAM12FIM04ASTPG9	04	A	Screw Terminal
PXPPAM12FIM05ASTPG9	05	A	Screw Terminal
PXPPAM12FIM08ASTPG9	08	A	Screw Terminal

M12 Flex Body Female



PXPPAM12FBF

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Body
- Mates with Flex Inline Body and panel mount connectors



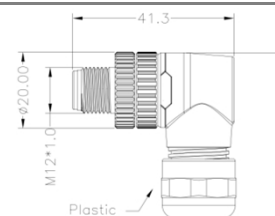
Part Number	Poles	Code	Termination
PXPPAM12FBF03ASTPG9	03	A	Screw Terminal
PXPPAM12FBF04ASTPG9	04	A	Screw Terminal
PXPPAM12FBF05ASTPG9	05	A	Screw Terminal
PXPPAM12FBF08ASTPG9	08	A	Screw Terminal

M12 Right Angled Male



PXPPAM12RAM

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Inline Body
- Mates with Flex Body and panel mount connectors



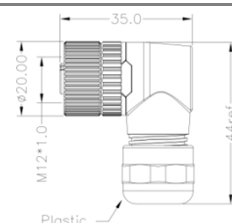
Part Number	Poles	Code	Termination
PXPPAM12RAM03ASTPG9	03	A	Screw Terminal
PXPPAM12RAM04ASTPG9	04	A	Screw Terminal
PXPPAM12RAM05ASTPG9	05	A	Screw Terminal
PXPPAM12RAM08ASTPG9	08	A	Screw Terminal

M12 Right Angled Female



PXPPAM12RAF

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Body
- Mates with Flex Inline Body and panel mount connectors



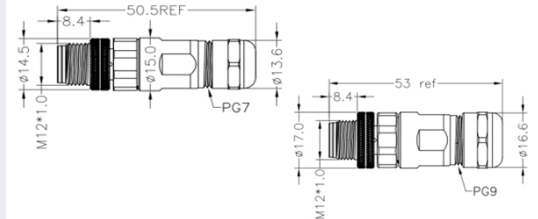
Part Number	Poles	Code	Termination
PXPPAM12RAF03ASTPG9	03	A	Screw Terminal
PXPPAM12RAF04ASTPG9	04	A	Screw Terminal
PXPPAM12RAF05ASTPG9	05	A	Screw Terminal
PXPPAM12RAF08ASTPG9	08	A	Screw Terminal

Nickel Plating M12 Flex Inline Body Male



PXMBNI12FIM

- 3, 4, 5, 8 and 12 poles
- Solder termination
- Metal Flex Inline Body
- Mates with Flex body and panel mount connectors



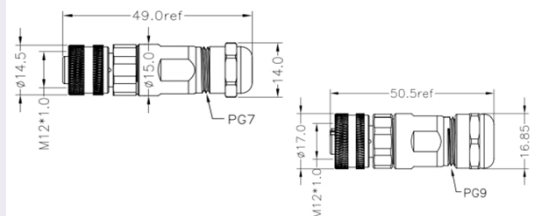
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12FIM03ASCPG7	03	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM04ASCPG7	04	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM05ASCPG7	05	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM08ASCPG7	08	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM12ASCPG7	12	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM05BSCPG7	05	B	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM04DSCPG7	04	D	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM03ASCPG9	03	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM04ASCPG9	04	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM05ASCPG9	05	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM08ASCPG9	08	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM12ASCPG9	12	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM05BSCPG9	05	B	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM04DSCPG9	04	D	Solder Terminal	PG9 Mounting / Gland Nut Thread

Nickel Plating M12 Flex Body Female



PXMBNI12FBF

- 3, 4, 5, 8 and 12 poles
- Solder termination
- Metal Flex Body
- Mates with Flex Inline Body and panel mount connectors



Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12FBF03ASCPG7	03	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF04ASCPG7	04	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF05ASCPG7	05	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF08ASCPG7	08	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF12ASCPG7	12	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF05BSCPG7	05	B	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF04DSCPG7	04	D	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF03ASCPG9	03	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF04ASCPG9	04	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF05ASCPG9	05	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF08ASCPG9	08	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF12ASCPG9	12	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF05BSCPG9	05	B	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF04DSCPG9	04	D	Solder Terminal	PG9 Mounting / Gland Nut Thread

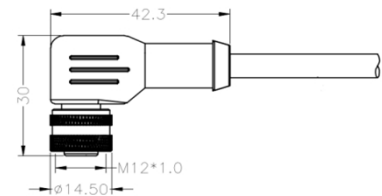
M12 Right Angled Female



PXPTPU12RAF

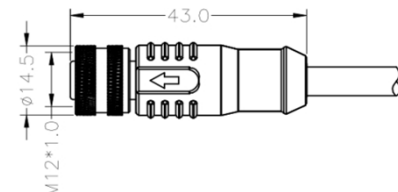
PXPPVC12RAF

- 3, 4, 5, 8 and 12 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



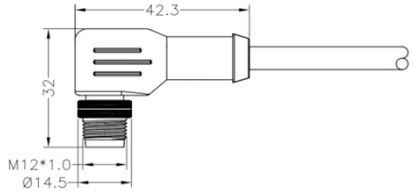
Part Number	Poles	Code	Termination	Lead Length	Cable Material
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PXPTPU12RAF03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAF03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAF03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAF03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAF03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAF03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAF03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAF03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAF03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAF03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAF03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAF04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAF04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAF04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAF04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAF04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAF04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAF04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAF04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAF04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAF04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAF04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAF04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAF05ACL010PVC	05	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAF05ACL010PUR	05	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAF05ACL020PVC	05	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAF05ACL020PUR	05	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAF05ACL030PVC	05	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAF05ACL030PUR	05	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAF05ACL050PVC	05	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAF05ACL050PUR	05	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAF05ACL100PVC	05	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAF05ACL100PUR	05	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAF05ACL150PVC	05	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAF05ACL150PUR	05	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAF08ACL010PVC	08	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAF08ACL010PUR	08	A	Overmold Cable	1 M Lead Length	PUR

PXPPVC12RAF08ACL020PVC	08	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAF08ACL020PUR	08	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAF08ACL030PVC	08	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAF08ACL030PUR	08	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAF08ACL050PVC	08	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAF08ACL050PUR	08	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAF08ACL100PVC	08	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAF08ACL100PUR	08	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAF08ACL150PVC	08	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAF08ACL150PUR	08	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAF12ACL010PVC	12	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAF12ACL010PUR	12	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAF12ACL020PVC	12	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAF12ACL020PUR	12	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAF12ACL030PVC	12	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAF12ACL030PUR	12	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAF12ACL050PVC	12	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAF12ACL050PUR	12	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAF12ACL100PVC	12	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAF12ACL100PUR	12	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAF12ACL150PVC	12	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAF12ACL150PUR	12	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAF05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAF05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAF05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAF05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
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PXPTPU12RAF05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAF05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
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PXPTPU12RAF04DCL150PUR	04	D	Overmold Cable	15 M Lead Length	PUR

M12 Flex Body Female  PXPTPU12FBF PXPPVC12FBF	○ 3, 4, 5, 8 and 12 poles ○ 1,2,3,5,10 & 15M cable options ○ Overmold Flex Body ○ Mates with Flex Inline Body & panel mount connectors	 43.0 14.5 1.0 M12*1.0
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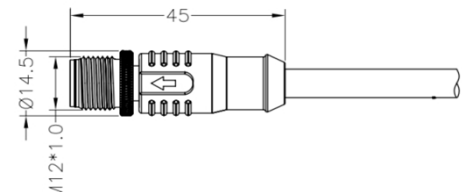
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PXPTPU12FBF03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FBF03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FBF03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FBF03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FBF03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FBF03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
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PXPPVC12FBF04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FBF04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FBF04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
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PXPPVC12FBF04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FBF04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
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PXPTPU12FBF05ACL020PUR	05	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FBF05ACL030PVC	05	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FBF05ACL030PUR	05	A	Overmold Cable	3 M Lead Length	PUR
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PXPPVC12FBF08ACL010PVC	08	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FBF08ACL010PUR	08	A	Overmold Cable	1 M Lead Length	PUR

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PXPPVC12FBF08ACL030PVC	08	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FBF08ACL030PUR	08	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FBF08ACL050PVC	08	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FBF08ACL050PUR	08	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FBF08ACL100PVC	08	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FBF08ACL100PUR	08	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FBF08ACL150PVC	08	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FBF08ACL150PUR	08	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FBF12ACL010PVC	12	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FBF12ACL010PUR	12	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FBF12ACL020PVC	12	A	Overmold Cable	2 M Lead Length	PVC
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PXPTPU12FBF12ACL030PUR	12	A	Overmold Cable	3 M Lead Length	PUR
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PXPTPU12FBF12ACL100PUR	12	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FBF12ACL150PVC	12	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FBF12ACL150PUR	12	A	Overmold Cable	15 M Lead Length	PUR
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PXPTPU12FBF05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
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PXPPVC12FBF04DCL010PVC	04	D	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FBF04DCL010PUR	04	D	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FBF04DCL020PVC	04	D	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FBF04DCL020PUR	04	D	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FBF04DCL030PVC	04	D	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FBF04DCL030PUR	04	D	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FBF04DCL050PVC	04	D	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FBF04DCL050PUR	04	D	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FBF04DCL100PVC	04	D	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FBF04DCL100PUR	04	D	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FBF04DCL150PVC	04	D	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FBF04DCL150PUR	04	D	Overmold Cable	15 M Lead Length	PUR

M12 Right Angled Male  PXPTPU12RAM PXPPVC12RAM	○ 3, 4, 5, 8 and 12 poles ○ 1,2,3,5,10 & 15M cable options ○ Overmold Flex Inline Body ○ Mates with Flex Body & panel mount connectors	
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Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC12RAM03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAM03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAM04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAM04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAM05ACL010PVC	05	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM05ACL010PUR	05	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAM05ACL020PVC	05	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM05ACL020PUR	05	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM05ACL030PVC	05	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM05ACL030PUR	05	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM05ACL050PVC	05	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM05ACL050PUR	05	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM05ACL100PVC	05	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM05ACL100PUR	05	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM05ACL150PVC	05	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM05ACL150PUR	05	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAM08ACL010PVC	08	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM08ACL010PUR	08	A	Overmold Cable	1 M Lead Length	PUR

PXPPVC12RAM08ACL020PVC	08	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM08ACL020PUR	08	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM08ACL030PVC	08	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM08ACL030PUR	08	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM08ACL050PVC	08	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM08ACL050PUR	08	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM08ACL100PVC	08	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM08ACL100PUR	08	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM08ACL150PVC	08	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM08ACL150PUR	08	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAM12ACL010PVC	12	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM12ACL010PUR	12	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAM12ACL020PVC	12	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM12ACL020PUR	12	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM12ACL030PVC	12	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM12ACL030PUR	12	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM12ACL050PVC	12	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM12ACL050PUR	12	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM12ACL100PVC	12	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM12ACL100PUR	12	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM12ACL150PVC	12	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM12ACL150PUR	12	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAM05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAM05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM05BCL030PVC	05	B	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM05BCL050PUR	05	B	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM05BCL100PVC	05	B	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM05BCL150PVC	05	B	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM05BCL150PUR	05	B	Overmold Cable	15 M Lead Length	PUR
PXPPVC12RAM04DCL010PVC	04	D	Overmold Cable	1 M Lead Length	PVC
PXPTPU12RAM04DCL010PUR	04	D	Overmold Cable	1 M Lead Length	PUR
PXPPVC12RAM04DCL020PVC	04	D	Overmold Cable	2 M Lead Length	PVC
PXPTPU12RAM04DCL020PUR	04	D	Overmold Cable	2 M Lead Length	PUR
PXPPVC12RAM04DCL030PVC	04	D	Overmold Cable	3 M Lead Length	PVC
PXPTPU12RAM04DCL030PUR	04	D	Overmold Cable	3 M Lead Length	PUR
PXPPVC12RAM04DCL050PVC	04	D	Overmold Cable	5 M Lead Length	PVC
PXPTPU12RAM04DCL050PUR	04	D	Overmold Cable	5 M Lead Length	PUR
PXPPVC12RAM04DCL100PVC	04	D	Overmold Cable	10 M Lead Length	PVC
PXPTPU12RAM04DCL100PUR	04	D	Overmold Cable	10 M Lead Length	PUR
PXPPVC12RAM04DCL150PVC	04	D	Overmold Cable	15 M Lead Length	PVC
PXPTPU12RAM04DCL150PUR	04	D	Overmold Cable	15 M Lead Length	PUR

M12 Flex Inline Body Male  PXPTPU12FIM PXPPVC12FIM	○ 3, 4, 5, 8 and 12 poles ○ 1,2,3,5,10 & 15M cable options ○ Overmold Flex Inline Body ○ Mates with Flex Body & panel mount connectors	
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Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC12FIM03ACL010PVC	03	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM03ACL010PUR	03	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FIM03ACL020PVC	03	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM03ACL020PUR	03	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM03ACL030PVC	03	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM03ACL030PUR	03	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM03ACL050PVC	03	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM03ACL050PUR	03	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM03ACL100PVC	03	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM03ACL100PUR	03	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM03ACL150PVC	03	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM03ACL150PUR	03	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FIM04ACL010PVC	04	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM04ACL010PUR	04	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FIM04ACL020PVC	04	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM04ACL020PUR	04	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM04ACL030PVC	04	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM04ACL030PUR	04	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM04ACL050PVC	04	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM04ACL050PUR	04	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM04ACL100PVC	04	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM04ACL100PUR	04	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM04ACL150PVC	04	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM04ACL150PUR	04	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FIM05ACL010PVC	05	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM05ACL010PUR	05	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FIM05ACL020PVC	05	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM05ACL020PUR	05	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM05ACL030PVC	05	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM05ACL030PUR	05	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM05ACL050PVC	05	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM05ACL050PUR	05	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM05ACL100PVC	05	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM05ACL100PUR	05	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM05ACL150PVC	05	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM05ACL150PUR	05	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FIM08ACL010PVC	08	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM08ACL010PUR	08	A	Overmold Cable	1 M Lead Length	PUR

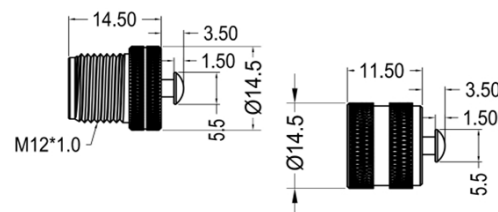
PXPPVC12FIM08ACL020PVC	08	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM08ACL020PUR	08	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM08ACL030PVC	08	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM08ACL030PUR	08	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM08ACL050PVC	08	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM08ACL050PUR	08	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM08ACL100PVC	08	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM08ACL100PUR	08	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM08ACL150PVC	08	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM08ACL150PUR	08	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FIM12ACL010PVC	12	A	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM12ACL010PUR	12	A	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FIM12ACL020PVC	12	A	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM12ACL020PUR	12	A	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM12ACL030PVC	12	A	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM12ACL030PUR	12	A	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM12ACL050PVC	12	A	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM12ACL050PUR	12	A	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM12ACL100PVC	12	A	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM12ACL100PUR	12	A	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM12ACL150PVC	12	A	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM12ACL150PUR	12	A	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FIM05BCL010PVC	05	B	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM05BCL010PUR	05	B	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FIM05BCL020PVC	05	B	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM05BCL020PUR	05	B	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM05BCL030PVC	05	B	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM05BCL030PUR	05	B	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM05BCL050PVC	05	B	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM05BCL050PUR	05	B	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM05BCL100PVC	05	B	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM05BCL100PUR	05	B	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM05BCL150PVC	05	B	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM05BCL150PUR	05	B	Overmold Cable	15 M Lead Length	PUR
PXPPVC12FIM04DCL010PVC	04	D	Overmold Cable	1 M Lead Length	PVC
PXPTPU12FIM04DCL010PUR	04	D	Overmold Cable	1 M Lead Length	PUR
PXPPVC12FIM04DCL020PVC	04	D	Overmold Cable	2 M Lead Length	PVC
PXPTPU12FIM04DCL020PUR	04	D	Overmold Cable	2 M Lead Length	PUR
PXPPVC12FIM04DCL030PVC	04	D	Overmold Cable	3 M Lead Length	PVC
PXPTPU12FIM04DCL030PUR	04	D	Overmold Cable	3 M Lead Length	PUR
PXPPVC12FIM04DCL050PVC	04	D	Overmold Cable	5 M Lead Length	PVC
PXPTPU12FIM04DCL050PUR	04	D	Overmold Cable	5 M Lead Length	PUR
PXPPVC12FIM04DCL100PVC	04	D	Overmold Cable	10 M Lead Length	PVC
PXPTPU12FIM04DCL100PUR	04	D	Overmold Cable	10 M Lead Length	PUR
PXPPVC12FIM04DCL150PVC	04	D	Overmold Cable	15 M Lead Length	PVC
PXPTPU12FIM04DCL150PUR	04	D	Overmold Cable	15 M Lead Length	PUR

PA66 M12 Sealing Cap



PXPPAM12

- Sealing caps to maintain IP rating
- Male & Female versions



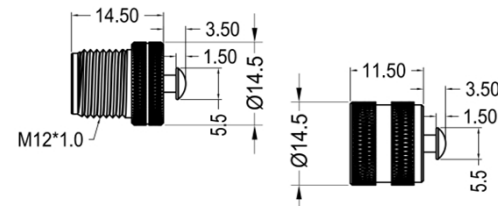
Part Number	Series	Type	Material
PXPPAM12CAM	M12	Male	PA66
PXPPAM12CAF	M12	Female	PA66

Brass - Nickel Plating M12 Sealing Cap



PXMBNI12

- Sealing caps to maintain IP rating
- Male & Female versions



Part Number	Series	Type	Material
PXMBNI12CAM	M12	Male	Brass - Nickel Plating
PXMBNI12CAF	M12	Female	Brass - Nickel Plating

Electrical:

No. Poles	3	4	5	8	12
Current Rating	4A	4A	4A	2A	1.5A
Voltage Rating (ac/dc)	250V	250V	60V	30V	30V
Contact Resistance	<10mΩ				
Insulation Resistance	>100MΩ				
AC Breakdown Voltage					
3 Pole	1.5KV				
4 Pole	1.5KV				
5 Pole	1.5KV				
8 Pole	0.8KV				
12 Pole	0.8KV				
Operating Temp Range	-25°C to 80°C				

Mechanical:

Locking mechanism	Screw coupling
Sealing	IP67
Contact Accomodation	
3, 4, 5, 8 & 12 Pole	28AWG-22AWG
Cable acceptance	4.6 - 8.0mm Dia
Terminations:	
3, 4, 5, 8	PCB / Screw / Solder / Cable
12	PCB / Solder / Cable
Mechanical Operation	500 mating cycles
Largest diameter over coupling ring	20.0mm

Materials:

Panel Mount

Body	Nickel Plated Brass
Coupling Nut	Nickel Plated Brass
Colour	Grey
Pin Contacts	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold plating
O Rings & Gaskets	Viton
RoHS	Compliant

Cable Connectors

TPU / PVC
Nickel Plated Brass
Black
Brass, Gold plating
Phosphor Bronze, Gold plating
Viton
Compliant

Flex & Inline Connectors

Nickel Plated Brass / PA66
Nickel Plated Brass
Black or Grey
Brass, Gold plating
Phosphor Bronze, Gold plating
Viton
Compliant

MX	XXX	XX	XX	X	XX	X	XX	XXX	XXX	XXX
Series	Material	Series Size	Body Style	Orientation	No. Contacts	Code	Termination	Mounting / Gland Nut Thread	Lead Length	Cable Material
PXM	BNI = Brass Nickel	12	FB = Flex Body	M	03	A	ST = Screw Terminal	PG9	001	PUR
PXP	PAM = Polyamide		FI = Flex Inline Body	F	04	B	PC = PCB	PG7	002	PVC
	TPU = overmold for PUR		RP = Rear Panel Mounting		05	D	CL = Cable	M16	003	
	PVC = overmold for PVC		RA = Right Angle		08		SC = Solder	M12	010	
			SC = Sealing Cap		12				020	
									030	
									050	
									100	
									150	

With a rugged metal housing and environmental protection rating of IP67 when mated, Bulgin's robust M16 circular DIN connector range is an ideal solution for ensuring that power and signal connections are not compromised in harsh environments and industrial applications.



Key features:

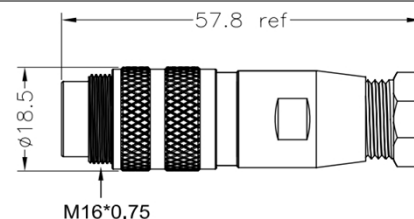
- ⬢ Screw locking compliant with DIN EN 61076-2-106
- ⬢ IP67 degree of protection
- ⬢ Robust metal connector
- ⬢ Excellent EMI shielding
- ⬢ Pole variants from 3 - 12

M16 Flex Inline Body Male



PXMBNI16FIM

- 3, 4, 5, 6, 8 and 12 poles
- Solder termination
- Metal Flex Inline Body
- Mates with Flex Body and panel mount connectors



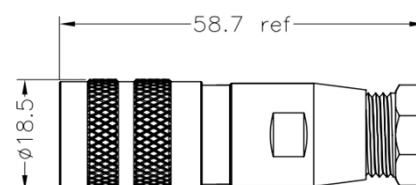
Part Number	Poles	Code	Termination
PXMBNI16FIM03ASC	03	A	Solder Terminal
PXMBNI16FIM04ASC	04	A	Solder Terminal
PXMBNI16FIM05ASC	05	A	Solder Terminal
PXMBNI16FIM06ASC	06	A	Solder Terminal
PXMBNI16FIM08ASC	08	A	Solder Terminal
PXMBNI16FIM12ASC	12	A	Solder Terminal

M16 Flex Body Female



PXMBNI16FBF

- 3, 4, 5, 6, 8 and 12 poles
- Solder termination
- Metal Flex Body
- Mates with Flex Inline Body and panel mount connectors



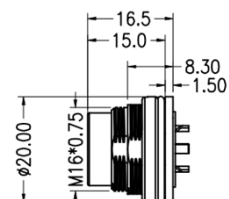
Part Number	Poles	Code	Termination
PXMBNI16FBF03ASC	03	A	Solder Terminal
PXMBNI16FBF04ASC	04	A	Solder Terminal
PXMBNI16FBF05ASC	05	A	Solder Terminal
PXMBNI16FBF06ASC	06	A	Solder Terminal
PXMBNI16FBF08ASC	08	A	Solder Terminal
PXMBNI16FBF12ASC	12	A	Solder Terminal

M16 Rear Panel Mounting Male



PXMBNI16RPM

- 3, 4, 5, 6, 8 and 12 poles
- Solder termination
- Rear panel mount M16
- Mates with Flex body connectors



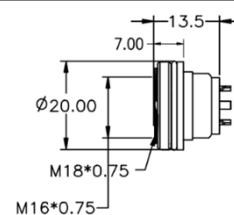
Part Number	Poles	Code	Termination
PXMBNI16RPM03ASC	03	A	Solder Terminal
PXMBNI16RPM04ASC	04	A	Solder Terminal
PXMBNI16RPM05ASC	05	A	Solder Terminal
PXMBNI16RPM06ASC	06	A	Solder Terminal
PXMBNI16RPM08ASC	08	A	Solder Terminal
PXMBNI16RPM12ASC	12	A	Solder Terminal

M16 Rear Panel Mounting Female



PXMBNI16RPF

- 3, 4, 5, 6, 8 and 12 poles
- Solder termination
- Rear panel mount M16
- Mates with Flex Inline Body connectors



Part Number	Poles	Code	Termination
PXMBNI16RPF03ASC	03	A	Solder Terminal
PXMBNI16RPF04ASC	04	A	Solder Terminal
PXMBNI16RPF05ASC	05	A	Solder Terminal
PXMBNI16RPF06ASC	06	A	Solder Terminal
PXMBNI16RPF08ASC	08	A	Solder Terminal
PXMBNI16RPF12ASC	12	A	Solder Terminal

Electrical:

No. Poles	3	4	5	6	8	12
Current Rating	7A	7A	6A	5A	5A	3A
Voltage Rating (ac/dc)	250V	250V	250V	125V	60V	60V
Contact Resistance	<5mΩ 3, 4, 5, 6 and 8 Pole <3mΩ 12 Pole					
Insulation Resistance	>100 ³ MΩ					
AC Breakdown Voltage						
3 Pole	2.0KV					
4 Pole	2.0KV					
5 Pole	2.0KV					
6 Pole	1.5KV					
8 Pole	1.5KV					
12 Pole	1.5KV					

Mechanical:

Locking mechanism	Screw coupling
Sealing	IP67
Contact Accomodation	
3, 4, 5, 6 and 8 Pole	20 AWG
12 Pole	24 AWG
Cable acceptance	5.0 - 7.5mm Dia
Terminations	Solder
Mechanical Operation	500 mating cycles
Diameter over coupling ring	18.5mm

Operating Temp Range -25°C to 80°C

Materials:

Panel Mount

Body	Nickel Plated Brass
Coupling Nut	Nickel Plated Brass
Colour	Grey
Pin Contacts	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold Plating
O Rings & Gaskets	Viton
RoHS	Compliant

Flex & Inline Connectors

Nickel Plated Brass
Nickel Plated Brass
Grey
Brass, Gold plating
Phosphor Bronze, Gold Plating
Viton
Compliant

MX	XXX	XX	XX	X	XX	X	XX
Series	Material	Series Size	Body Style	Orientation	No. Contacts	Code	Termination
PXM	BNI = Brass Nickel	16	FB = Flex Body FI = Flex Inline Body RP = Rear Panel Mounting	M F	03 04 05 06 08 12	A	SC = Solder

Typically used for providing **high performance, reliable and robust connections** in commercial and industrial automation applications, these **IP67 rated signal and power connectors** offer a **high degree of protection** against environmental factors such as water, dirt and moisture.

Bulgin's range of M23 Connectors includes field installable male and female connectors as well as front panel mount options from 12- to 19-pole in straight and right angled versions.



Key features:

- ⬡ A-Coded
- ⬡ Male and female variants, 12 or 19 poles
- ⬡ Straight and angled configurations
- ⬡ Robust metal housing
- ⬡ IP67 protection rating (when mated)
- ⬡ Voltages up to 250 V and currents up to 8 A

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M23 Series

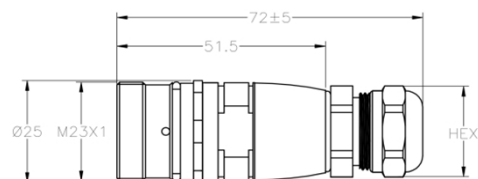


M23 Flex Inline Body



PXMBNI23FIM

- Available in 12 and 19 poles
- Solder termination
- Metal Flex Inline Body
- Mates with panel mount connectors



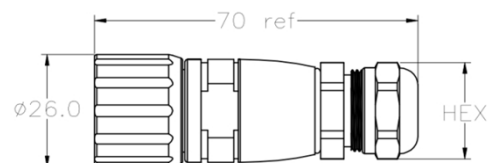
Part Number	Poles	Code	Termination
PXMBNI23FIM12ASC	12	A	Solder Terminal
PXMBNI23FIM19ASC	19	A	Solder Terminal

M23 Flex Body Female



PXMBNI23FBF

- Available in 12 and 19 poles
- Solder termination
- Metal Flex Body
- Mates with panel mount connectors



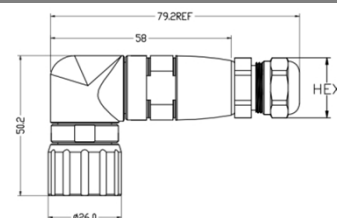
Part Number	Poles	Code	Termination
PXMBNI23FBF12ASC	12	A	Solder Terminal
PXMBNI23FBF19ASC	19	A	Solder Terminal

M23 Right Angled Female



PXMBNI23RAF

- Available in 12 and 19 poles
- Solder termination
- Metal Right Angle Flex Body
- Mates with panel mount connectors



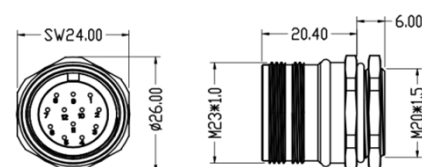
Part Number	Poles	Code	Termination
PXMBNI23RAF12ASC	12	A	Solder Terminal
PXMBNI23RAF19ASC	19	A	Solder Terminal

M23 Front Panel Mounting Male



PXMBNI23FPM

- Available in 12 and 19 poles
- Solder termination
- Front panel M20
- Mates with Flex Body connectors



Part Number	Poles	Code	Termination
PXMBNI23FPM12ASC	12	A	Solder Terminal
PXMBNI23FPM19ASC	19	A	Solder Terminal

Electrical:

No. Poles	12	19
Current Rating	8A	8A
Voltage Rating (ac/dc)	200V	200V
Contact Resistance	<3mΩ	
Insulation Resistance	>100 ³ MΩ	
AC Breakdown Voltage		
12 Pole	1.5KV	
19 Pole	1.5KV	
Operating Temp Range	-25°C to 80°C	

Mechanical:

Locking mechanism	Screw coupling
Sealing	IP67
Contact Accomodation	
12 Pole	18 AWG
19 Pole	17 AWG
Cable acceptance	6.0 - 8.0mm Dia
Terminations	Solder
Mechanical Operation	500 mating cycles
Diameter over coupling ring	26.0mm

Materials:

Panel Mount

Body	Nickel Plated Brass
Coupling Nut	Nickel Plated Brass
Colour	Grey
Pin Contacts	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold plating
O Rings & Gaskets	Viton
RoHS	Compliant

Flex & Inline Connectors

Nickel Plated Brass
Nickel Plated Brass
Grey
Brass, Gold plating
Phosphor Bronze, Gold plating
Viton
Compliant

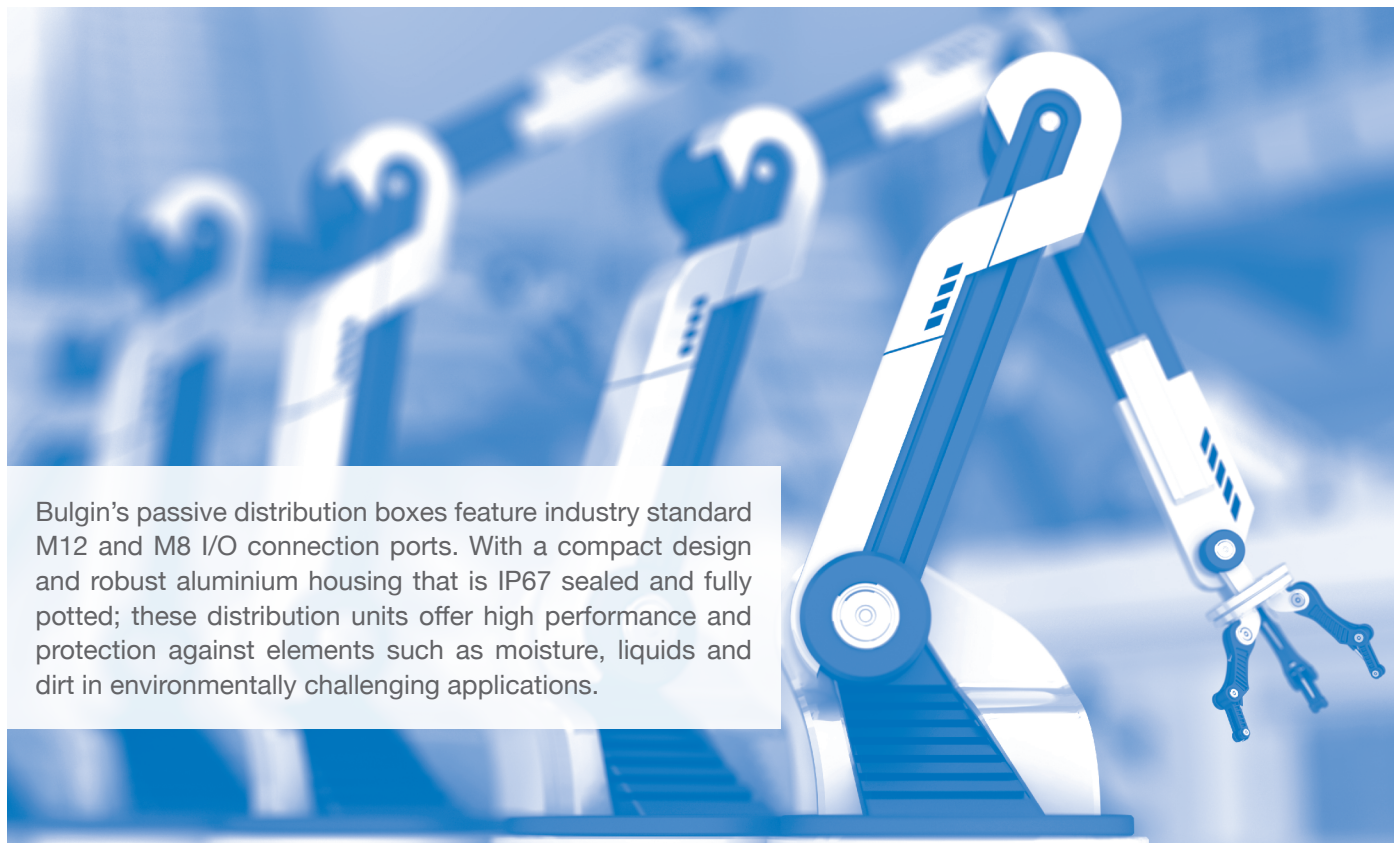
MX	XXX	XX	XX	X	XX	X	XX
Series	Material	Series Size	Body Style	Orientation	No. Contacts	Code	Termination
PXM	BNI = Brass Nickel	23	FB = Flex Body	M	12	A	SC = Solder
PXP			FI = Flex Inline Body	F	19		
			FP = Front Panel Mounting				
			RA = Right Angle				

Passive distribution boxes provide a **convenient** and **compact connectivity solution** that can be installed quickly and easily in the field. They offer considerable **cost saving benefits** when compared to hard-wiring I/O connections due to their pre-wired connector slot configurations which enables numerous **sensor** and **actuator signals** to be transmitted back to a control system with ease.



Key features:

- ⬢ Anodised Aluminium housing
- ⬢ M12 inputs M8 outputs
- ⬢ Available with or without LED indicators
- ⬢ IP67 rated
- ⬢ 5, 8, and 9 port configurations
- ⬢ Operating Temp Range -25°C to 80°C

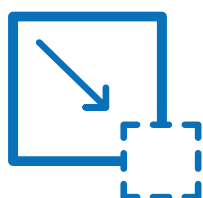


The Benefits:



Save Time

With the need to hard wire I/O connections removed and variants coming equipped with identification labels and integrated LEDs, Bulgin's distribution boxes help to save on costs associated with installation, maintenance and repair time by making it easy and quick to troubleshoot connection faults.



Save Space

Distribution boxes save space in the field as they require less space than more conventional distribution systems due to their compact design. They take up far less space than loose wires and require fewer terminal blocks/boxes, making them the ideal solution for many machine requirements or automation systems.



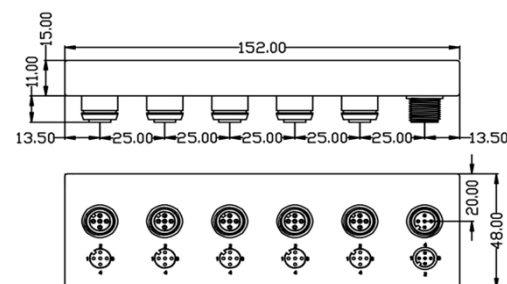
Save Money

By simplifying the wiring control system and eliminating the need for additional enclosures, distributor boxes can be installed quickly which saves time and costs. Their ability to reduce troubleshooting time also means that downtime can be significantly minimised in manufacturing, food-processing and industrial automation applications.



BOX1M1205MA05

- 5 outputs
- Sealed using sealing caps
- Anodised aluminium body
- Mates with Flex Body and Flex Inline connectors

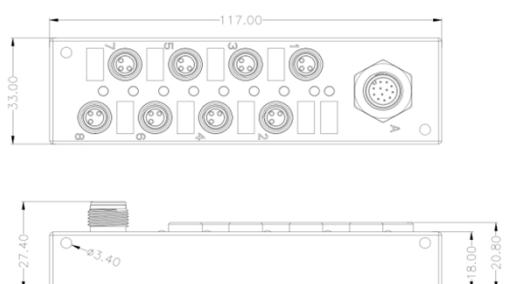


Part Number	Input Type	Input Pole Count	Output Type	Output Pole Count	Output Ports
BOX1M1205MA05M805F	M12	5 Contacts	M8	5 Contacts	5 Ports



BOX1M1212MA08

- 8 outputs
- Sealed using sealing caps
- Anodised aluminium body
- Mates with Flex Body and Flex Inline connectors

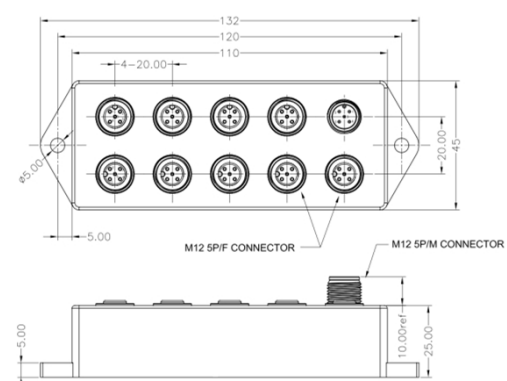


Part Number	Input Type	Input Pole Count	Output Type	Output Pole Count	Output Ports
BOX1M1212MA08M803F	M12	12 Contacts	M8	3 Contacts	8 Ports



BOX1M1205MA09

- 9 outputs
- Sealed using sealing caps
- Anodised aluminium body
- Mates with Flex Body and Flex Inline connectors



Part Number	Input Type	Input Pole Count	Output Type	Output Pole Count	Output Ports
BOX1M1205MA09M805F	M12	5 Contacts	M8	5 Contacts	9 Ports

Specifications:

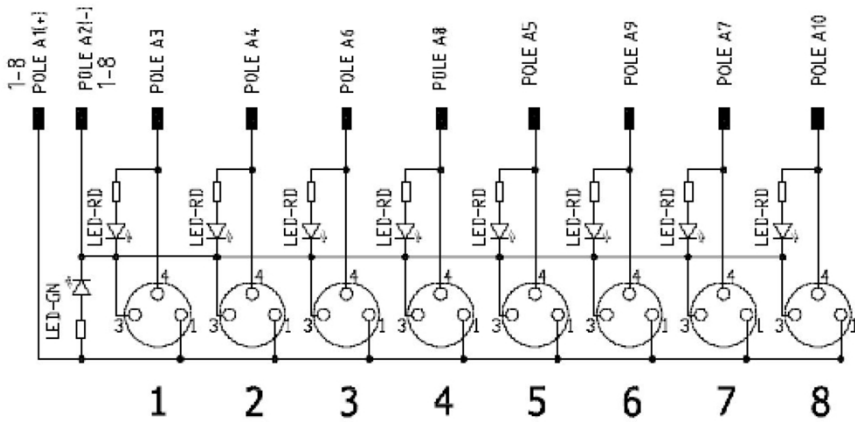
Locking mechanism	Screw coupling
Sealing	IP67
Operating Temp Range	-25°C to 80°C

Materials:

Box & Panel Mount

Body	Anodised Aluminium
Colour	Black
Pin Contacts	Brass, Gold plating
Socket Contacts	Phosphor Bronze, Gold plating
RoHS	Compliant

Wiring diagram for BOX1M1212MA08M803F



BOX	X	XX	XX	X	X	XX	XX	XX	X
Series BOX	Inputs 1	Input Series M12	Input Poles 05 12	Orientation M	Code A	Outputs 05 08 09	Output Series M8	Output Poles 03 05	Orientation F