

M12 female recept. A-cod. rear

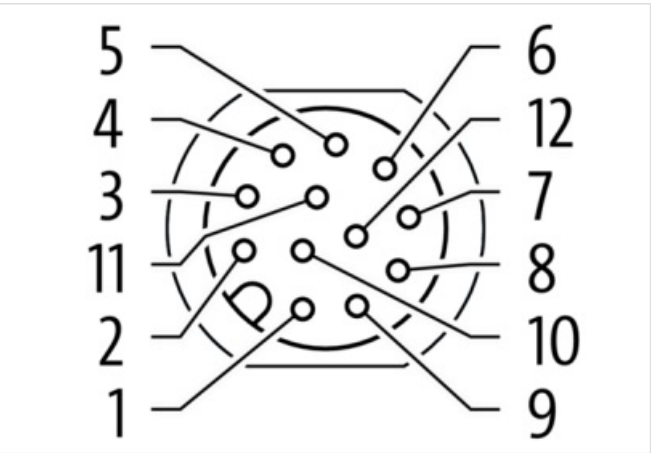
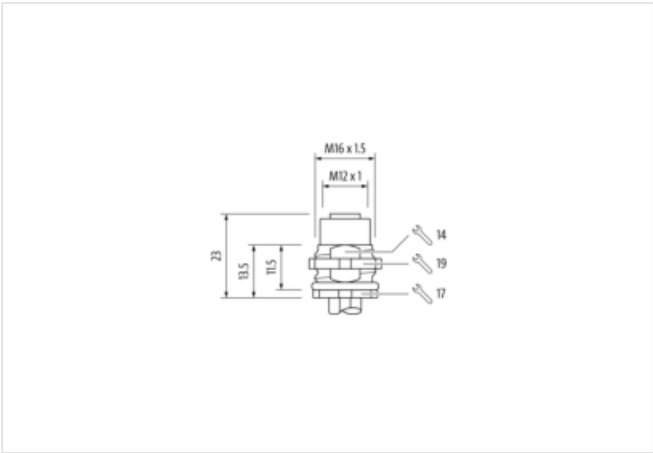
TPE-wires 12x0.14 0.5m

Art.No.: 7000-19185-9790050
Weight: 0.045 kg
Country of origin: DE
Model designation: MSBFH-12E979_0.5

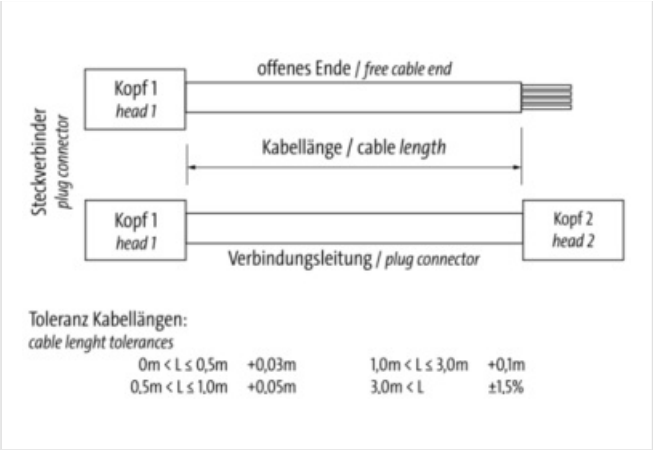
Flange female
M12, 12-pole
Rear mounting
with multi-strand wire

Link to Product

Illustration



1	BN	< 1
2	BU	< 2
3	WH	< 3
4	GN	< 4
5	PK	< 5
6	YE	< 6
7	BK	< 7
8	GY	< 8
9	RD	< 9
10	VT	< 10
11	GY PK	< 11
12	RD BU	< 12



Product may differ from Image



Cable length	0,50 m
Side 1	
Family construction form	M12
No. of poles	12
Coding	A
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW14
Material	Brass
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-19185-9790050
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879332521
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A
Diagnostics	
Status indication LED	No
Installation Connection	
Mounting set	M16 x 1.5
Width across flats	SW19
Device protection Electrical	

Degree of protection (EN IEC 60529)	IP67
Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Screw connection	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated
Gasket	FKM

Mechanical data | Mounting data

Mounting method	inserted, screwed
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Environmental characteristics | Climatic

Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Conformity

Product standard	EN IEC 61076-2-101 (M12)
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Approvals

UL 50E	Yes
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Installation | Cable

Cable identification	979
Cable weight	72 g/m
UL AWM Style	10493
Stranding	1 × 3 wires stranded
Stranding (type 2)	1 × 9 wires stranded in opposite direction around stranding combination
Wire arrangement	(GYPK, VT, RDBU), BN, RD, GY, BK, YE, PK, GN, WH, BU
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1 mm ± 0.05 mm
Conductor crosssection (wire)	0,14 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	18 × 0.1 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor resistance (wire)	138 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	1.5 kV @ 60 s
Current load capacity max. (wire)	2 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C ... 85 °C
Operating temperature (dynamic)	-25 °C ... 85 °C
Flame resistance	IEC 60332-2-2
Oil resistance	IEC 60811-404

Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Notes	application-related testing
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min