CUI Devices is now Same Sky! Learn More

SERIES: CPM812 | DESCRIPTION: M8 FIELD ASSEMBLY CONNECTOR

FEATURES

- M8 female connector
- A, B & D code versions
- right angle
- free hanging
- solder terminal



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	3 & 4 pole models 5, 6, & 8 pole models			60 30	V V
rated current	3, 4A, & 5B pole models 4D pole model 6 & 8 pole models			3 4 1.5	A A A
withstanding voltage	3 & 4 pole models 5, 6, & 8 pole models		1,500 800		Vac Vac
contact resistance				5	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
operating temperature		-40		80	°C
life		500			cycles
flammability rating	see material table				
RoHS	yes				
IP level	IP67 (in mated condition)				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 1~3 seconds	430		450	°C

PART NUMBER KEY

CPM812 - XXX - FRA - M5 - 67

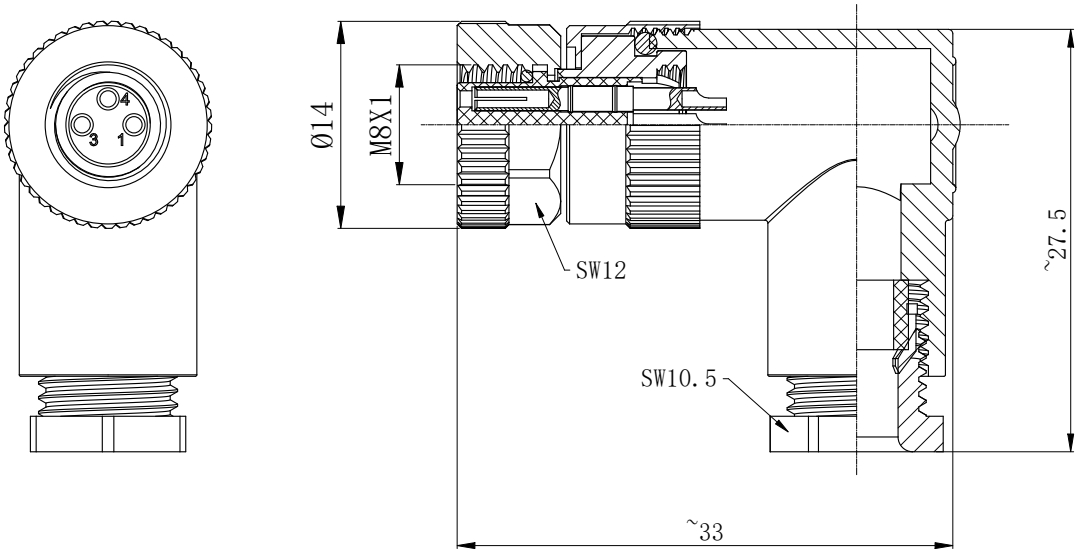
Base Number

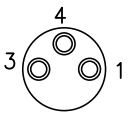
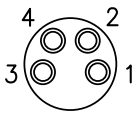
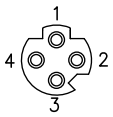
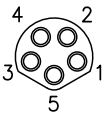
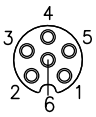
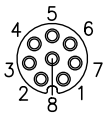
No. of Poles:
03A = 3 (A-Coding)
04A = 4 (A-Coding)
04D = 4 (D-Coding)
05B = 5 (B-Coding)
06A = 6 (A-Coding)
08A = 8 (A-Coding)

MECHANICAL DRAWING

units: mm
tolerance:
≤10.0: ±0.1 mm
10.0<X≤20.0: ±0.20 mm
20.0<X≤50.0: ±0.50 mm
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	black
terminals; female	copper	gold
housing; female	PA66 (UL94V-0)	black
nut	brass	nickel
o-ring	NBR	black



No. of Poles	3	4	4	5	6	8
Coding	 A-Coding	 A-Coding	 D-Coding	 B-Coding	 A-Coding	 A-Coding
Wire Size	18 AWG	18 AWG	18 AWG	18 AWG	18 AWG	18 AWG
Suitable Cable	OD: Ø3.5~5 mm	OD: Ø3.5~5 mm	OD: Ø3.5~5 mm	OD: Ø3.5~5 mm	OD: Ø3.5~5 mm	OD: Ø3.5~5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	10/23/2026

The revision history provided is for informational purposes only and is believed to be accurate.

same sky

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

sameskydevices.com