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SERIES: CPM813 | DESCRIPTION: M8 FIELD ASSEMBLY CONNECTOR

FEATURES

- M8 male connector
- A code
- straight
- free hanging
- screw terminal

RoHS IP67

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				60	V
rated current				3	A
withstanding voltage			1,500		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)				

PART NUMBER KEY

CPM813 - XXX - MST - M5 - 67

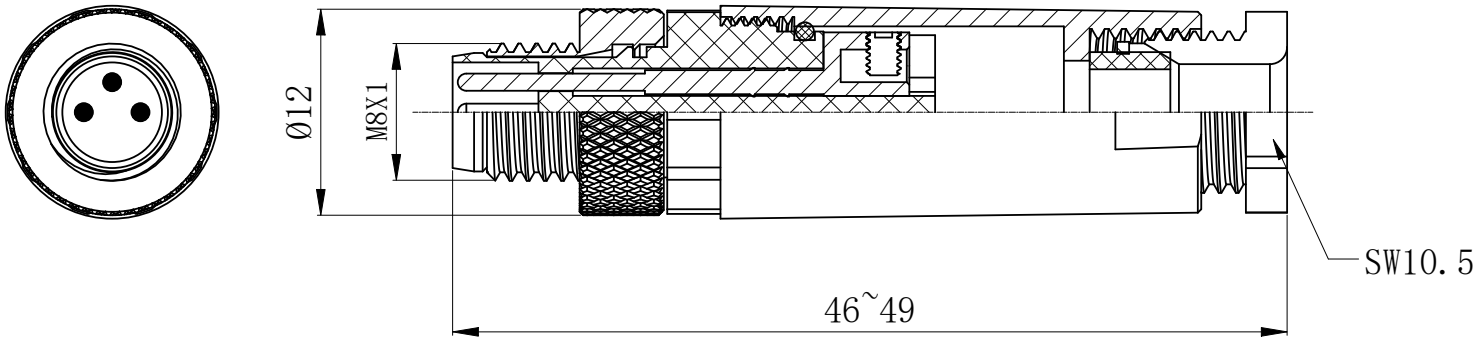
Base Number

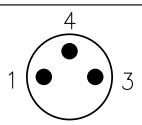
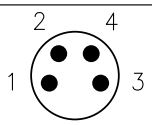
No. of Poles:
03A = 3 (A-Coding)
04A = 4 (A-Coding)

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; male	copper	gold
housing; male	PA66 (UL94V-0)	black
nut	stainless steel	---
o-ring	NBR	black



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

REVISION HISTORY

rev.	description	date
1.0	initial release	10/22/2026

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

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