



SERIES: CDM1233 | DESCRIPTION: M12 CABLE

FEATURES

- M12 molded female cable connector
- A code
- straight
- IP67
- 1, 2, & 3 meter length options



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	3 & 4 pole models			250	V
	5 pole model			60	V
	8 & 12 pole models			30	V
rated current	3, 4, & 5 pole models			4	A
	8 pole model			2	A
	12 pole models			1.5	A
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				10	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
insertion/withdrawal force		0.3		3.0	kgf
operating temperature		-25		80	°C
life		100			cycles
safety approvals	compliant with IEC61076-2-101				
flammability rating	see material table				
RoHS	yes				
IP level	IP67 (in mated condition)				

PART NUMBER KEY

CDM1233 - XX A - 02FST - XX - 67

Base Number

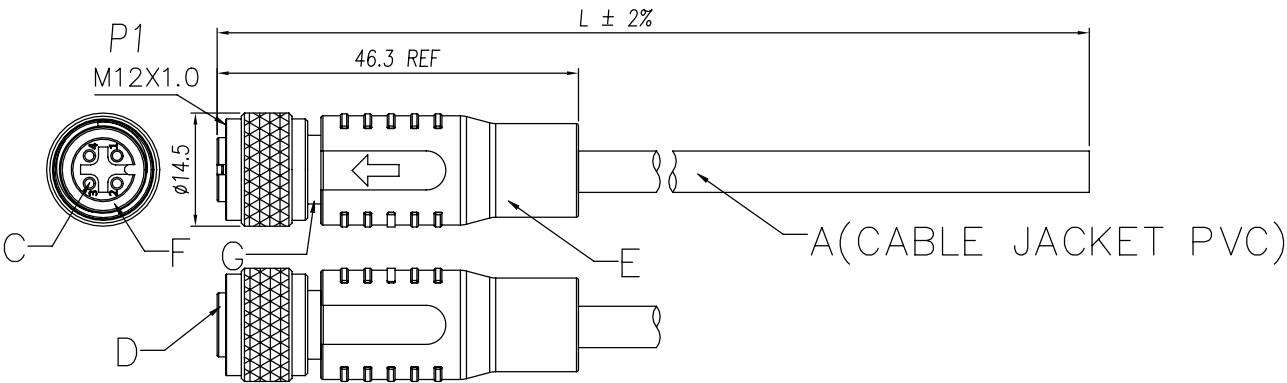
No. of Poles (A-Coding):
03 = 3
04 = 4
05 = 5
08 = 8
12 = 12

Cable Length:
1M = 1 m
2M = 2 m
3M = 3 m

MECHANICAL DRAWING

units: mm
tolerance:
0.5<X≤6.0: ±0.1 mm
6.0<X≤30.0: ±0.2 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	cable	UL 2464 PVC	black
B	M12x1.0 nut	brass	nickel
C	terminals; female	brass	gold
D	housing; female	PA66 [UL94V-0]	black
E	overmold	TPU [UL94HB]	black
F	o-ring	FKM	green
G	shield pipe	brass	nickel



No. of Poles		3	4	5	8	12
A-Coding						
Pin#	Cable	22 AWG X 3C OD: Ø5.0 mm	22 AWG X 4C OD: Ø5.5 mm	22 AWG X 5C OD: Ø5.8 mm	24 AWG X 8C OD: Ø6.0 mm	26 AWG X 12C OD: Ø6.6 mm
1		brown	brown	brown	white	brown
2		---	white	white	brown	blue
3		blue	blue	blue	green	white
4		black	black	black	yellow	green
5		---	---	gray	gray	pink
6		---	---	---	pink	yellow
7		---	---	---	blue	black
8		---	---	---	red	gray
9		---	---	---	---	red
10		---	---	---	---	violet
11		---	---	---	---	gray/pink
12		---	---	---	---	red/blue
shield		braided wire	braided wire	braided wire	braided wire	braided wire

REVISION HISTORY

rev.	description	date
1.0	initial release	04/11/2022
1.01	logo, datasheet style update	08/05/2022
1.02	updated datasheet	04/21/2023
1.03	CUI Devices rebranded to Same Sky	09/12/2024

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



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

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