

Additional Resources: Product Page

date 09/12/2024

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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
	3 & 4 pole models			250	V
rated voltage	5 pole model			60	V
	8 & 12 pole models			30	V
	3, 4, & 5 pole models			4	А
rated current	8 pole model			2	Α
	12 pole models			1.5	Α
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				10	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			МΩ
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

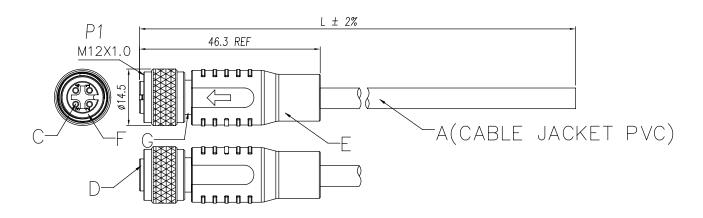
2M = 2 m

3M = 3 m

MECHANICAL DRAWING

units: mm tolerance: $0.5<X\le6.0$: ±0.1 mm $6.0<X\le30.0$: ±0.2 mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
Α	cable	UL 2464 PVC	black
В	M12x1.0 nut	brass	nickel
С	terminals; female	brass	gold
D	housing; female	PA66 (UL94V-0)	black
Е	overmold	TPU (UL94HB)	black
F	o-ring	FKM	green
G	shield pipe	brass	nickel



No. of	f Poles	3	4	5	8	12
A-Cc	oding	30 O4 O1	30 04 20 01	30 04 05 20 01	\$\frac{400}{200}\$	100 00 00 00 00 00 00 00 00 00 00 00 00
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	2		white	white	brown	blue
3	3	blue	blue	blue	green	white
4	4	black	black	black	yellow	green
į	5			gray	gray	pink
	6				pink	yellow
-	7				blue	black
3	8				red	gray
(9					red
1	0					violet
1	11					gray/pink
1	12					red/blue
shi	ield	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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