

Additional Resources: Product Page

SERIES: CDM1236 | DESCRIPTION: M12 CABLE

FEATURES

- M12 molded male cable connector
- A code
- right-angle
- 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	A
	12 pole model			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

.....



Base Number

No. of Poles (A-Coding):

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

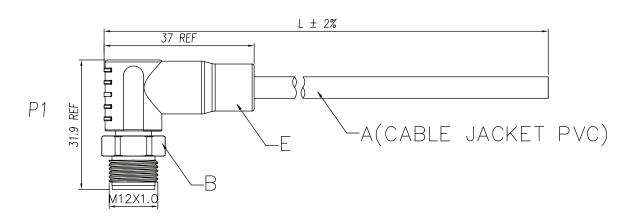
MECHANICAL DRAWING

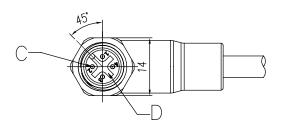
units: mm tolerance: 0.5<X≤6.0: ±0.1 mm 6.0<X≤30.0: ±0.2 mm unless otherwise noted

.....

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
А	cable	UL 2464 PVC	black
В	M12x1.0 nut	stainless steel	
С	terminals; male	brass	gold
D	housing; male	PA66 (UL94V-0)	black
E	overmold	TPU (UL94HB)	black

.....





No. of	f Poles	З	4	5	8	12
A-Co	oding					
Pin#	Cable	22 AWG X 3C OD: Ø4.5 mm	22 AWG X 4C OD: Ø5.0 mm	22 AWG X 5C OD: Ø5.5 mm	24 AWG X 8C OD: Ø5.5 mm	26 AWG X 12C OD: Ø6.2 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
1	8				red	gray
	9					red
1	0					violet
11						gray/pink
1	12					red/blue

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.

same sky

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.