SERIES: CDM1268 | DESCRIPTION: M12 CONNECTOR

FEATURES

- M12 male connector
- D code
- panel mount
- IP67
- 0.5, 1, 2, 3, & 5 meter length options

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				60	V
rated current				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

CDM1268 - 04D - MW - R9 - XXX - 67

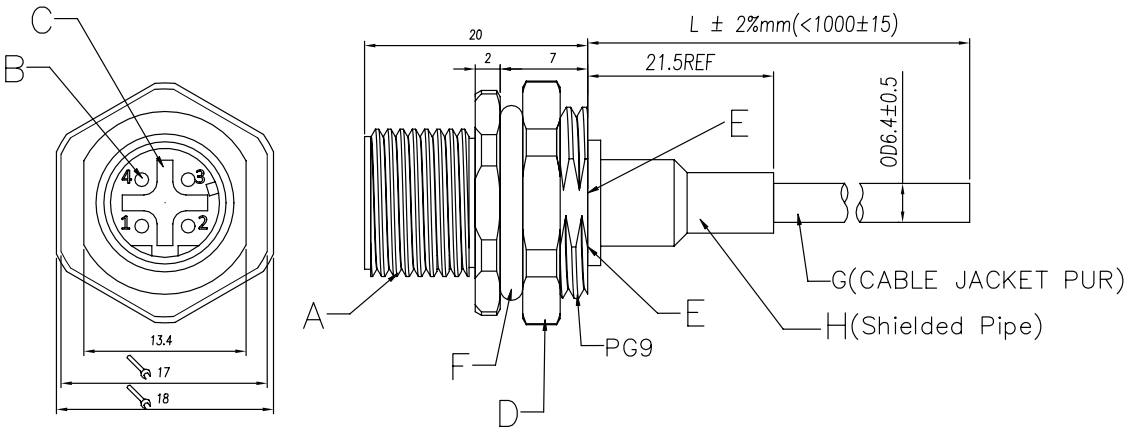
Base Number

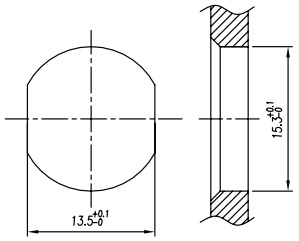
Cable Length:
050 = 0.5 m
100 = 1 m
200 = 2 m
300 = 3 m
500 = 5 m

MECHANICAL DRAWING

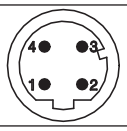
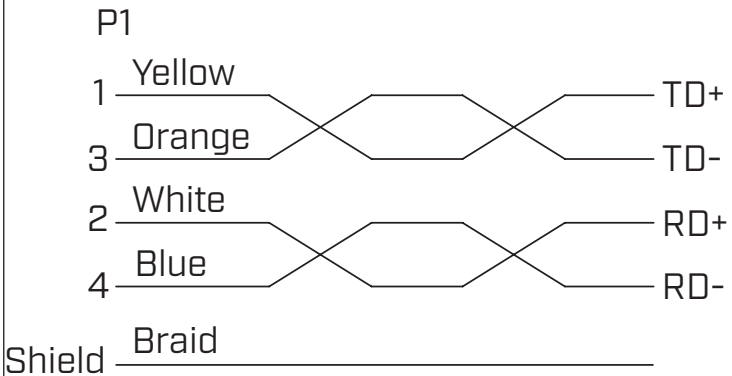
units: mm
tolerance:
0.5<X≤6.0: ±0.1 mm
6.0<X≤30.0: ±0.2 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	M12x1.0 screw	brass	nickel
B	terminals; male	brass	gold
C	housing; male	PA66 (UL94V-0)	black
D	PG9 nut	brass	nickel
E	resin	black epoxy	black
F	o-ring	FKM	black
G	cable	CAT5 (100 Mbps), UL20549, 26 AWG PUR jacket	
H	shield pipe	brass	nickel





Recommended Panel Cutout

No. of Poles	4
D-Coding	
Cable	26 AWG twisted pair X 2C + AL + Braid OD: Ø6.4 mm
Wiring	

REVISION HISTORY

rev.	description	date
1.0	initial release	05/09/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024

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