

**date** 12/18/2023

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# SERIES: CDM516 | DESCRIPTION: M5 CABLE

### **FEATURES**

- M5 molded female cable connector
- A Code
- straight
- IP67
- 1, 2 & 3 meter length options







#### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				60	V
rated current				1	А
withstanding voltage	for 1 minute		600		Vac
contact resistance				5	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			МΩ
insertion/withdrawal force		0.3		1.5	kgf
operating temperature		-25		80	°C
life		100			cycles
safety approvals	compliant with IEC61076-2-105				
flammability rating	see material table				
RoHS	yes				
IP level	IP67 (in mated condition)				

## **PART NUMBER KEY**

<u>CDM516</u> - <u>XXX</u> - 01FST - <u>XX</u> - 67

Base Number

No. of Poles: O3A = 3 (A-Coding)

04A = 4 (A-Coding)

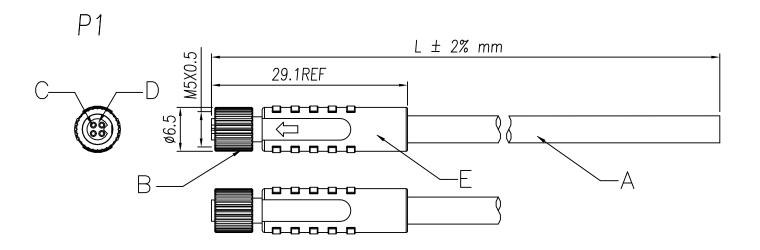
Cable Length: 1M = 1 m 2M = 2 m

3M = 3 m

## **MECHANICAL DRAWING**

units: mm tolerance:  $0.5<X\le6.0$ :  $\pm0.1$  mm  $6.0<X\le30.0$ :  $\pm0.2$  mm unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
Α	cable	UL 20549 PUR	black
В	M5x0.5 screw	brass	nickel
С	terminals; female	brass	gold
	housing; female	PA66 (UL94V-0)	black
Е	overmold	TPU (UL94V-0)	black



No. of Poles		3	4	
Coding		30 04	30 04 20 01	
		A-Coding	A-Coding	
Pin#	Cable	26 AWG X 3C OD: 4.0±0.2 mm	26 AWG X 4C OD: 4.3±0.2 mm	
1		brown	brown	
2			white	
3		blue	blue	
4		black	black	

### **REVISION HISTORY**

rev.	description	date
1.0	initial release	12/18/2023

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



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