Additional Resources: Product Page

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## SERIES: CDM817 | DESCRIPTION: M8 CABLE

#### **FEATURES**

- M8 molded male cable connector
- A & B code versions
- right-angled
- IP67
- 1, 2, & 3 meter length options



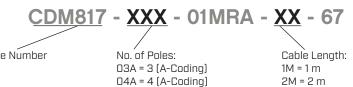


## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	3 & 4 pole models 5, 6, & 8 pole models			60 30	V V
rated current	3, 4, & 5 pole models 6 & 8 pole models			3 1.5	A 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		1.5	kgf
operating temperature		-25		80	°C
life		100			cycles
safety approvals	compliant with IEC61076-2-104				
flammability rating	see material table				
RoHS	yes				
IP level	IP67 (in mated condition)				

#### PART NUMBER KEY

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Base Number

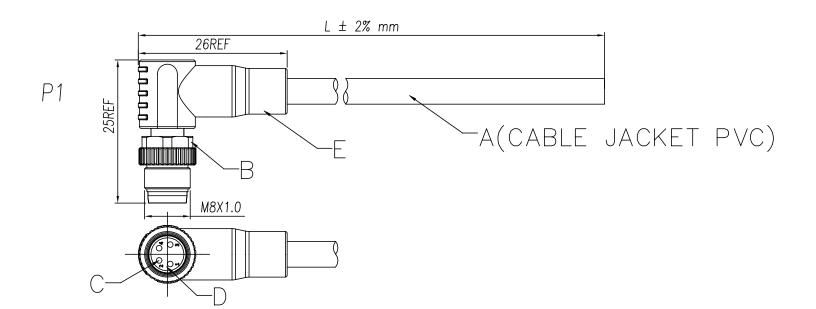
05B = 5 (B-Coding) 06A = 6 (A-Coding) 08A = 8 (A-Coding) 3M = 3 m

### **MECHANICAL DRAWING**

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

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ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
А	cable	UL 2464 PVC	black
В	M8x1.0 screw	brass	nickel
С	terminals; male	brass	gold
D	housing; male	PA66 (UL94V-0)	black
E	overmold	TPU (UL94HB)	black



No. of	f Poles	3	4	5	6	8
Cod	ding	A-Coding	2 4 4 3 A-Coding	2 • • 4 2 • • 4 5 • • 3 B-Coding	4 3 5 4 6 2 A-Coding	A-Coding
Pin#	Cable	24 AWG X 3C OD: Ø4.0 mm	24 AWG X 4C OD: Ø4.5 mm	24 AWG X 5C OD: Ø4.8 mm	26 AWG X 6C OD: Ø4.8 mm	26 AWG X 8C OD: Ø5.3 mm
	1	brown	brown	brown	brown	white
	2		white	white	white	brown
:	3	blue	blue	blue	blue	green
	4	black	black	black	black	yellow
	5			gray	gray	gray
	6				pink	pink
	7					blue
1	8					red

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	07/19/2022
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

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