

**SERIES:** CDM815 | **DESCRIPTION:** M8 CABLE**FEATURES**

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

**SPECIFICATIONS**

| parameter                  | conditions/description        | min | typ   | max | units  |
|----------------------------|-------------------------------|-----|-------|-----|--------|
| rated voltage              | 3 & 4 pole models             |     |       | 60  | V      |
|                            | 5, 6, & 8 pole models         |     |       | 30  | V      |
| rated current              | 3, 4, & 5 pole models         |     |       | 3   | A      |
|                            | 6 & 8 pole models             |     |       | 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 |       | 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)     |     |       |     |        |

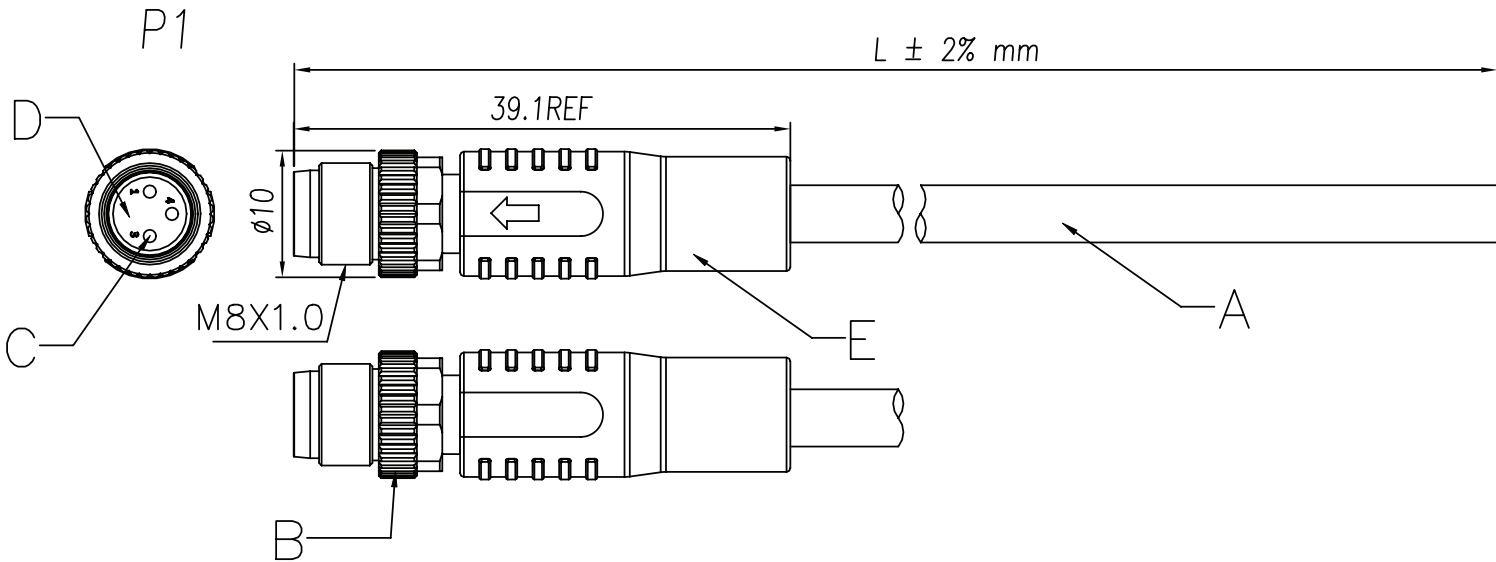
**PART NUMBER KEY**

| CDM815 - XXX - 01MST - XX - 67 |                                                                                                                             |                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Base Number                    | No. of Poles:<br>03A = 3 [A-Coding]<br>04A = 4 [A-Coding]<br>05B = 5 [B-Coding]<br>06A = 6 [A-Coding]<br>08A = 8 [A-Coding] | Cable Length:<br>1M = 1 m<br>2M = 2 m<br>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 |
|------|-----------------|----------------|---------------|
| A    | cable           | UL 2464 PVC    | black         |
| B    | M8x1.0 screw    | brass          | nickel        |
| C    | terminals; male | brass          | gold          |
| D    | housing; male   | PA66 [UL94V-0] | black         |
| E    | overmold        | TPU [UL94HB]   | black         |



| No. of Poles |       | 3                          | 4                          | 5                          | 6                          | 8                          |
|--------------|-------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Coding       |       | <br>A-Coding               | <br>A-Coding               | <br>B-Coding               | <br>A-Coding               | <br>A-Coding               |
| Pin#         | Cable | 24 AWG X 3C<br>OD: Ø4.0 mm | 24 AWG X 4C<br>OD: Ø4.5 mm | 24 AWG X 5C<br>OD: Ø4.8 mm | 26 AWG X 6C<br>OD: Ø4.8 mm | 26 AWG X 8C<br>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                       |
| 8            |       | ---                        | ---                        | ---                        |                            | red                        |

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.

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