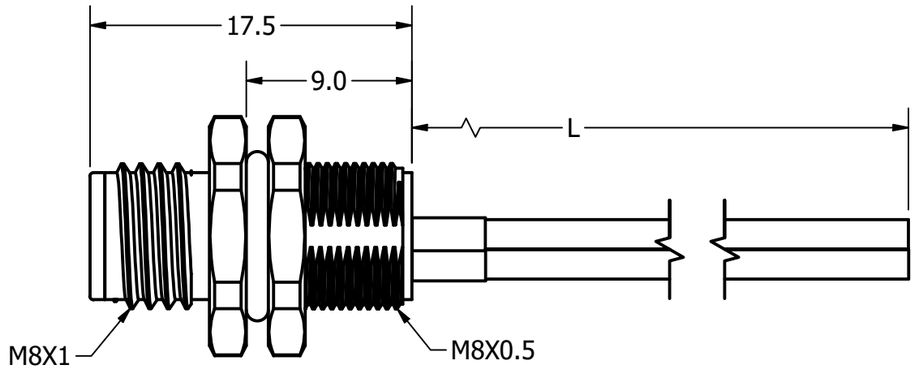
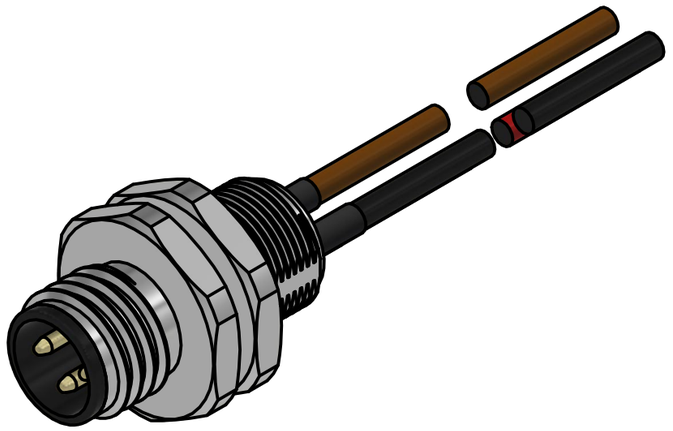
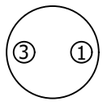
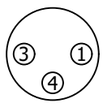
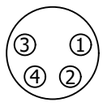
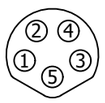
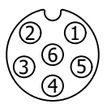


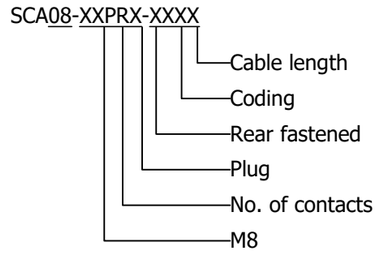
| | A CODE | B CODE | CABLE GAUGE | PIN OUT |
|---|---|---|---|---|
| 2 PIN |  | | 24 AWG | 1. BLACK<br>3. BROWN |
| 3 PIN |  | | 24 AWG | 1. BLACK<br>3. BROWN<br>4. RED |
| 4 PIN |  | | 24 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED |
| 5 PIN | |  | 24 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW |
| 6 PIN |  | | 26 AWG | 1. BLACK 6. BLUE<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW |
| 8 PIN |  | | 26 AWG | 1. BLACK 6. BLUE<br>2. WHITE 7. ORANGE<br>3. BROWN 8. GREEN<br>4. RED<br>5. YELLOW |

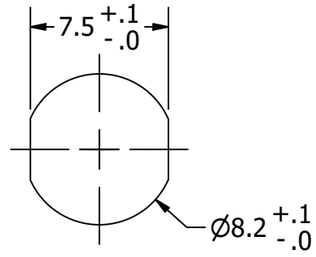
**Electrical:**

| | |
|---|---|
| Current rating | 3A (2 ~ 5 Pins), 1A (6 ~ 8 Pins) AC/DC |
| Voltage rating | 60V (2 ~ 3 Pins), 30V (4 ~ 8 Pins) AC/DC |
| Withstanding voltage | 450V AC/minute between contacts (2 ~ 5 Pins) |
| | 250V AC/minute between contacts (6 ~ 8 Pins) |
| Insulation resistance | 10MΩ MIN |
| Contact resistance | 5mΩ MAX |

**Environmental:**

| | |
|---|---|
| Operating temperature | -40°C ~ +80°C |
| Ingress protection | IP67 |




**Recommended panel cutout**
**MAX panel thickness: 3.5**

| PARTS LIST | | |
|---|---|---|
| ITEM | DESCRIPTION | QTY |
| 1 | M8 Plug rear fastened solder type | 1 |
| 2 | Heat shrink tube, Colour: black | A/R |
| 3 | UL1007 XXAWG, Colour: XX | A/R |

| REVISION HISTORY | | | | |
|---|---|---|---|---|
| REV | DESCRIPTION | CHG REF | DATE | DESIGNER |
| 1.0 | Origin | - | 22/08/2023 | Owen Page |
| 1.1 | Drawing Updated | FB / SUPP | 22 Sep 2026 | Martin Smith |

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

Gen Tol
.X ±0.50 5~10m ±100
0~2m ±40 10~30m ±200
2~5m ±60 30~99m ±500

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Owen Page

Checked by Peter Millard

Approved by

©2026

Date 22 Aug 2023

A3

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Description:
M8 (X) Pin A/B Code Plug, Straight, Rear Fastening, Cable Assembly

Part No: SCA08-XXPRX-XXXX

Issue 1.1

Sheet 1 / 1

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(CC#) M-Connectors\M8 Cable