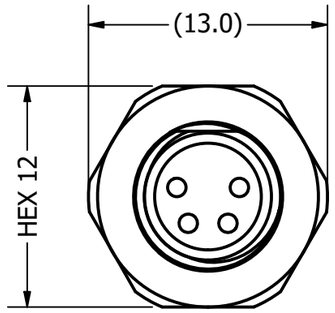
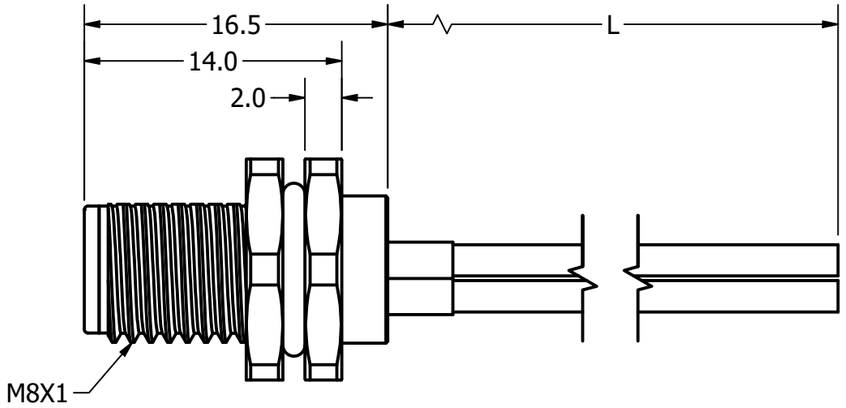
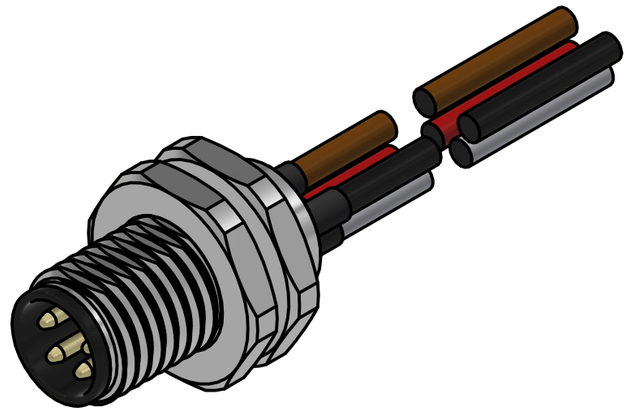
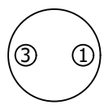
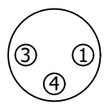
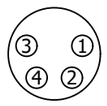
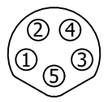
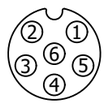






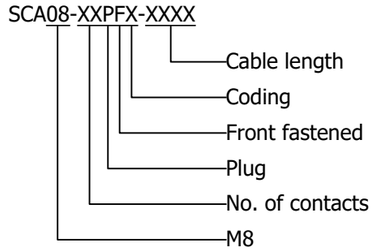
	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN			24 AWG	1. BLACK 3. BROWN
3 PIN			24 AWG	1. BLACK 3. BROWN 4. RED
4 PIN			24 AWG	1. BLACK 2. WHITE 3. BROWN 4. RED
5 PIN			24 AWG	1. BLACK 2. WHITE 3. BROWN 4. RED 5. YELLOW
6 PIN			26 AWG	1. BLACK 6. BLUE 2. WHITE 3. BROWN 4. RED 5. YELLOW
8 PIN			26 AWG	1. BLACK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

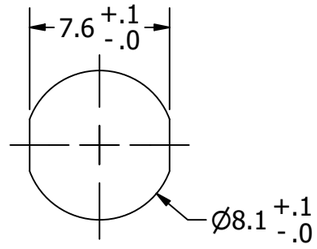
Electrical:

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 front 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	-	29/08/2023	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 (0~2m ±40, 2~5m ±60, 5~10m ±100, 10~30m ±200, 30~99m ±500)

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by: Owen Page

Checked by: Peter Millard

Approved by:

©2026

Date: 29 Aug 2023

A3

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

Part No: SCA08-XXPFX-XXXX

Issue: 1.1

Sheet: 1 / 1

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