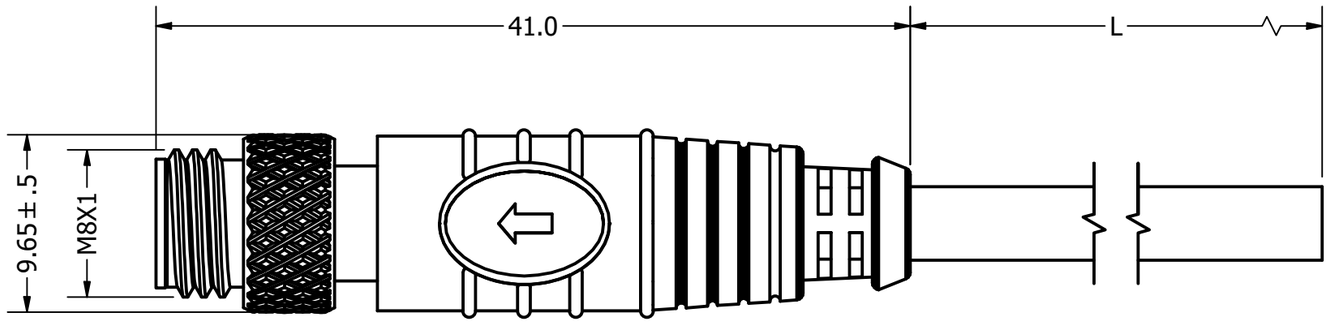
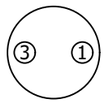
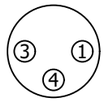
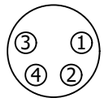
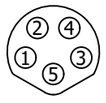
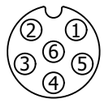




	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN			24 AWG	1. BLACK 3. BROWN
3 PIN			24 AWG	1. BLACK 3. RED 4. YELLOW
4 PIN			24 AWG	1. BLACK 2. BROWN 3. BLUE 4. GREEN
5 PIN			24 AWG	1. BLACK 2. RED 3. GREEN 4. YELLOW 5. WHITE
6 PIN			26 AWG	1. BLACK 2. BROWN 3. RED 4. YELLOW 5. GREEN 6. WHITE
8 PIN			26 AWG	1.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

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

SCM08-XXPXS-XXXX

- Cable length
- Straight
- Coding
- Plug
- No. of contacts
- M8

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	29 Aug 2023	Owen Page
1.1	Drawing Updated	FB / SUPP	29 Sep 2026	Peter Millard

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	M8 plug solder type	1
2	UL2464 XXC PVC jacket, Colour: Black	A/R
3	45P PVC moulding, Colour: Black	A/R
4	PE inner moulding, Colour: White	A/R

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

Approved by

©2026

Date 29 Aug 2023

A3

CAMBRIDGE ELECTRONIC INDUSTRIES

This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.

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

Part No: SCM08-XXPXS-XXXX

Issue 1.1

Sheet 1 / 1

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