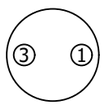
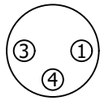
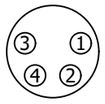
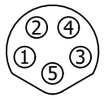
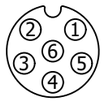




	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN			24 AWG	1. BLACK 3. BROWN Shell. BRAID
3 PIN			24 AWG	1. BLACK 3. RED 4. YELLOW Shell. BRAID
4 PIN			24 AWG	1. BLACK 2. BROWN 3. BLUE 4. GREEN Shell. BRAID
5 PIN			24 AWG	1. BLACK 2. RED 3. GREEN 4. YELLOW 5. WHITE Shell. BRAID
6 PIN			26 AWG	1. BLACK 2. BROWN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

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-XXPXSS-XXXX
- Cable length
- With shielding
- Straight
- Coding
- Plug
- No. of contacts
- M8

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

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

Design Right Protected

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)

Third Angle Projection

Designed by Owen Page

Checked by

Approved by

©2026

Date 29 Aug 2023

A3

RoHS Compliant

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, Shielded, Overmoulded Cable Assembly

Part No: SCM08-XXPXSS-XXXX

Issue 1.1

Sheet 1 / 1

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