



Electrical:

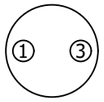
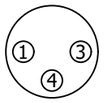
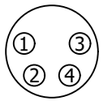
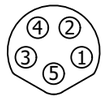
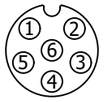
Current rating	3A (2 ~ 5 Pins), 1A (6 ~ 8 Pins) AC/DC
Voltage rating	60V (2 ~ 3 Pins), 30V (4 ~ 8 Pins) AC/DC
Withstanding voltage	450V AC/minute between contacts (2 ~ 5 Pins)
	250V AC/minute between contacts (6 ~ 8 Pins)
Insulation resistance	10MΩ MIN
Contact resistance	5mΩ MAX

Environmental:

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

SCM08-XXSXS-XXXX

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

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

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	M8 socket solder type	1
2	UL2464 XXC PVC jacket, Colour: black ultraviolet ray resistance	A/R
3	45P PVC moulding, Colour: black	A/R
4	PE inner moulding, Colour: white	A/R

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	29/08/2023	Owen Page
1.1	Updated Drawing	FB / SUPP	09/09/2026	Peter Millard

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 Martin Smith

Approved by

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Date 29/08/2023

A3

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

Part No: SCM08-XXSXS-XXXX

Issue 1.1

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