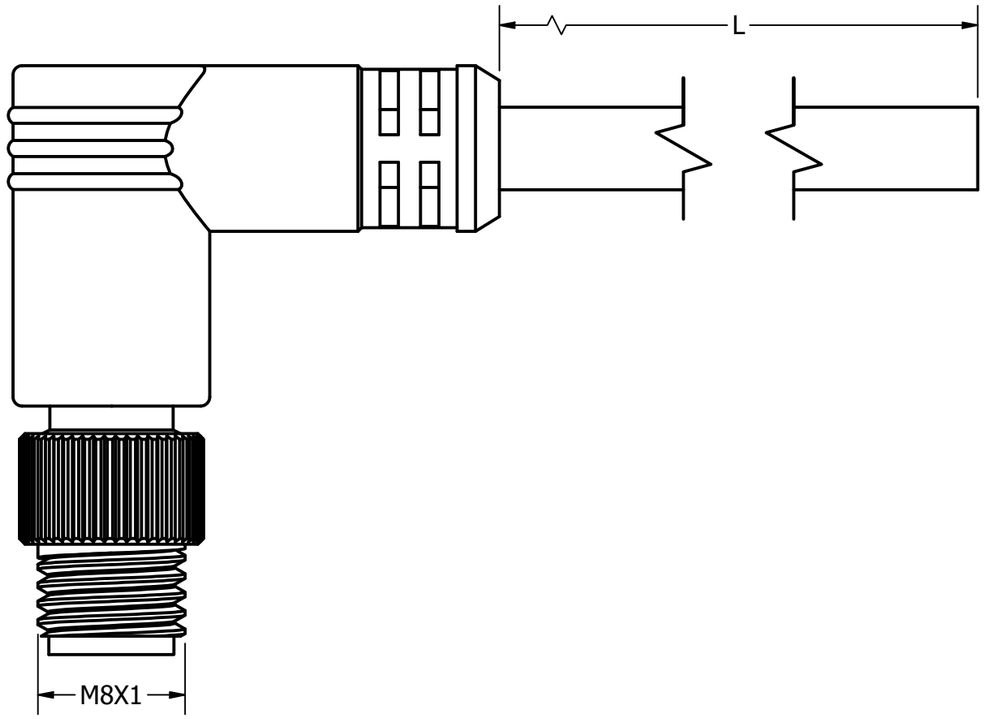




	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN	③ ①		24 AWG	1. BLACK 3. BROWN Shell. BRAID
3 PIN	③ ① ④		24 AWG	1. BLACK 3. RED 4. YELLOW Shell. BRAID
4 PIN	③ ① ④ ②		24 AWG	1. BLACK 2. BROWN 3. BLUE 4. GREEN Shell. BRAID
5 PIN		② ④ ① ③ ⑤	24 AWG	1. BLACK Shell. BRAID 2. RED 3. GREEN 4. YELLOW 5. WHITE
6 PIN	②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

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-XXPXRS-XXXX

- Cable length
- With shielding
- Right angle
- Coding A/B
- Plug
- No. of contacts
- M8

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

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

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

Gen Tol: .X ±0.50 1~2m ±40; .XX ±0.30 2~5m ±60; 0~1m ±20 5~10m ±100

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, Right Angle, Shielded, Overmoulded Cable Assembly

Part No: SCM08-XXPXRS-XXXX

Issue 1.1

Sheet 1 / 1

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