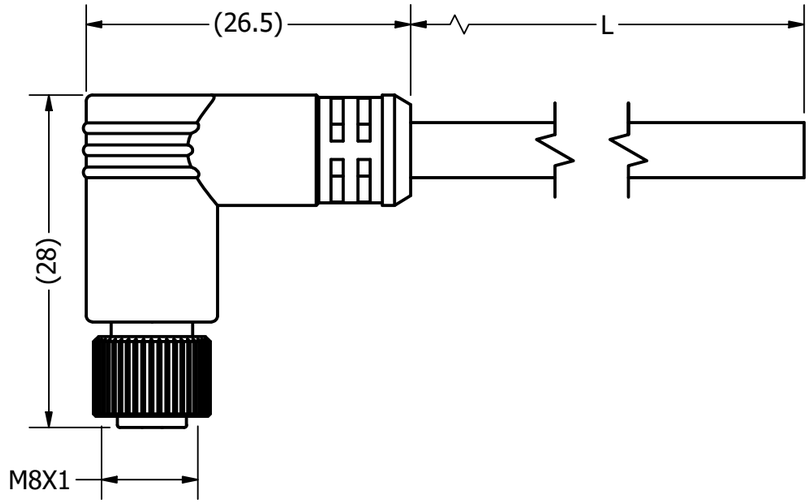




	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN	① ③		24 AWG	1. BLACK 3. BROWN Shell. BRAID
3 PIN	① ③ ④		24 AWG	1. BLACK 3. RED 4. YELLOW Shell. BRAID
4 PIN	① ③ ② ④		24 AWG	1. BLACK 2. BROWN 3. BLUE 4. GREEN Shell. BRAID
5 PIN		④ ② ③ ① ⑤	24 AWG	1. BLACK Shell. BRAID 2. RED 3. GREEN 4. YELLOW 5. WHITE
6 PIN	①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

- Cable length
- With shielding
- Right angle
- Coding
- Socket
- No. of contacts
- M8

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	M8 Socket solder type with shielding	1
2	UL2464 XXC+AB PVC jacket colour: black	A/R
3	45P PVC outer molding colour: black	A/R
4	PE inner molding colour: white	A/R
5	Heat shrink 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	30 Sep 2026	Peter Millard

Design Right Protected

Material:

Finish:

Gen Tol: .X ±0.5 (0~2m ±40, 2~5m ±60); 5~10m ±40; 10~30m ±40; 30~99m ±60

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

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

Part No: SCM08-XXSXRS-XXXX

Issue 1.1

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