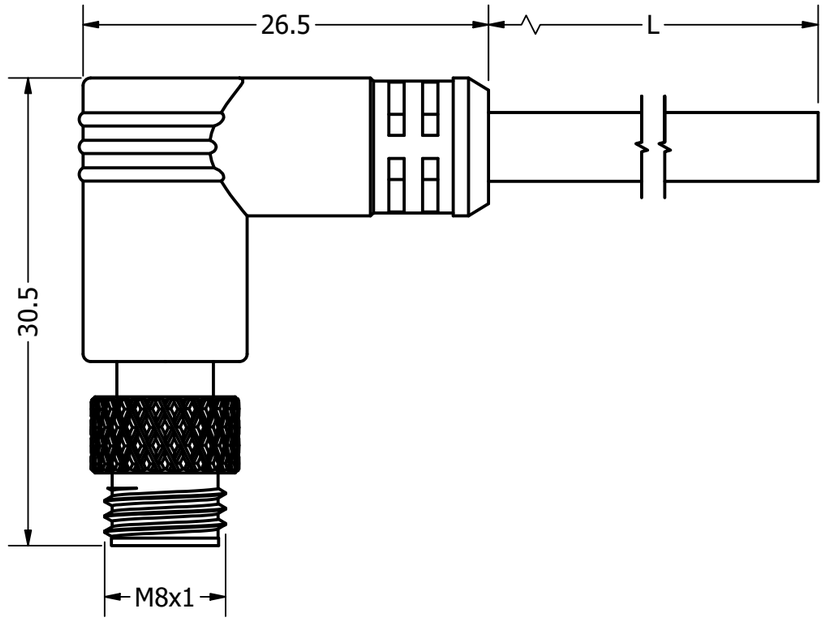
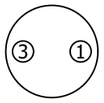
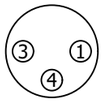
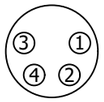
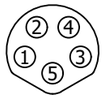
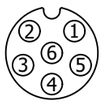




	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN			24 AWG	1. BLACK 3. BROWN
3 PIN			24 AWG	1. BLACK 3. RED 4. YELLOW
4 PIN			24 AWG	1. BLACK 2. BROWN 3. BLUE 4. GREEN
5 PIN			24 AWG	1. BLACK 2. RED 3. GREEN 4. YELLOW 5. WHITE
6 PIN			26 AWG	1. BLACK 6. WHITE 2. BROWN 3. RED 4. YELLOW 5. GREEN
8 PIN			26 AWG	1.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

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-XXPXR-XXXX

- M8
- No. of contacts
- Plug
- Coding
- Right angled
- Cable length

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	M8 plug solder for overmolded	1
2	UL2464 XXC PVC jacket, Colour: Black ultraviolet Rey Resistance	A/R
3	Outer moulding 45P PVC, Colour: Black	A/R
4	Inner moulding PE, Colour: White	A/R

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

Design Right Protected	Material:	Finish:	X.X±0.5 5~10m±100 0~2m±40 10~30m±200 2~5m±60 30~99m±500	DO NOT SCALE Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Owen Page	Checked by Peter Millard	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, Right Angle, Overmoulded Cable Assembly		
			Part No: SCM08-XXPXR-XXXX	Issue 1.1	Sheet 1 / 1

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