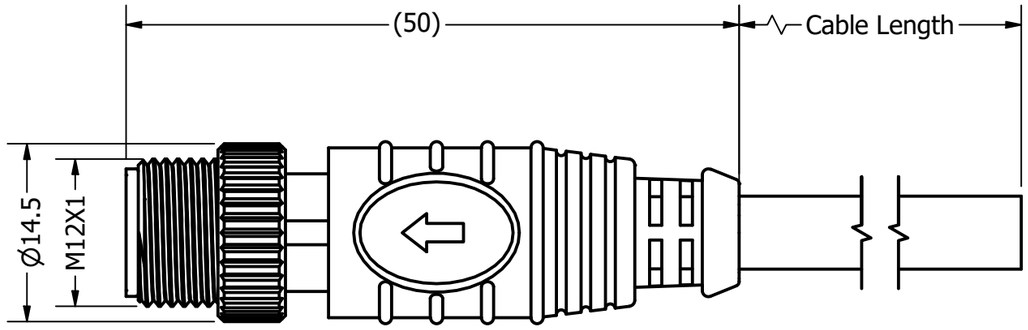






Electrical:

Current rating	0.5A AC/DC
Voltage rating	60VDC 50VAC
Withstanding voltage	450V AC/minute between contacts
Insulation resistance	10MΩ MIN
Contact resistance	5mΩ MAX

Environmental:

Operating temperature	-40°C ~ +85°C
Ingress protection	IP67
Mating cycles	500

SCM12-08PXS-XXXX

- Cable length
- With shielding
- Coding X
- Plug
- No. of contacts
- M12

	X CODE	CABLE GAUGE	PINOUT
8 PIN		26 AWG	1. WHITE 2. ORANGE 3. WHITE 4. GREEN 5. WHITE 6. BROWN 7. WHITE 8. BLUE SHELL. BRAID

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	M12 X Code Plug Solder Shield Type	1
2	CAT.6A (26 AWG*1P+AL)*4+B PVC Jack OD6.2, Colour: Black	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	Drawing Updated	FB / SUPP	17 Sep 2026	Martin Smith

Design Right Protected

RoHS Compliant

Third Angle Projection

CAMBRIDGE ELECTRONIC INDUSTIRES

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Material:	Finish:	General TOL .X ±0.50 .XX ±0.30	DO NOT SCALE Unit of Measure: millimeters (mm)
Designed by Owen Page	Checked by Peter Millard	Approved by	©2025
Date 29 Aug 2023	A3		

Description: M12 8 Pin X-Code Plug, Straight, Shielded, Overmoulded Cable Assembly

Part No: SCM12-08PXS-XXXX | Issue 1.1 | Sheet 1 / 1

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(CC#) M-Connectors\M12 Cable