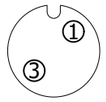
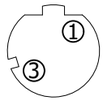
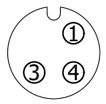
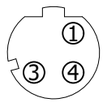
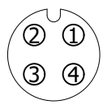
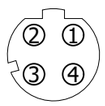
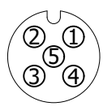
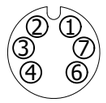
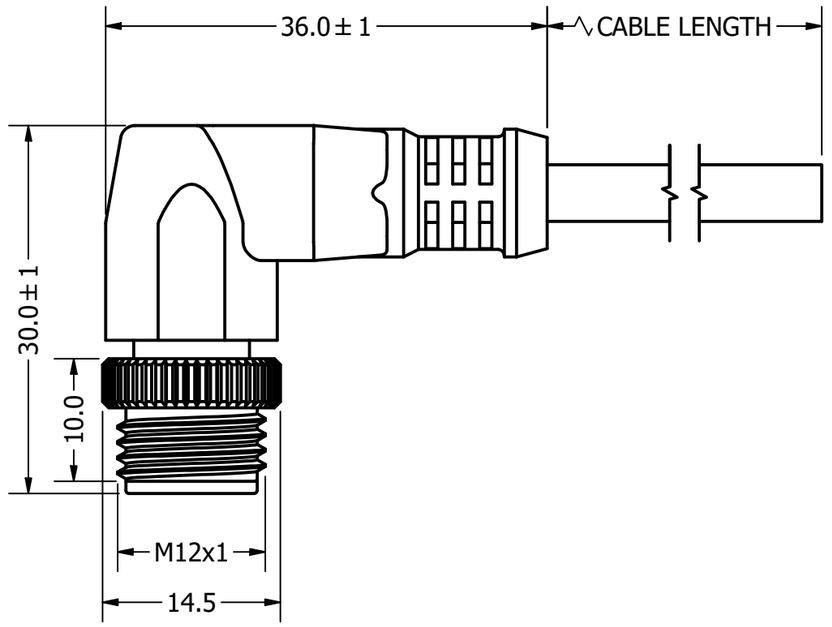
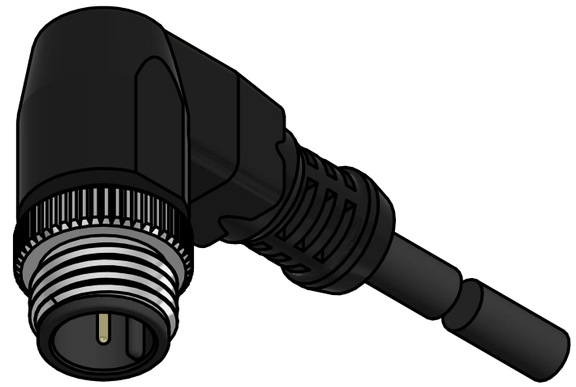
	A CODE	D CODE	CABLE GAUGE	PIN OUT
2 PIN			22 AWG	1. BLACK 3. RED
3 PIN			22 AWG	1. BLACK 3. RED 4. YELLOW
4 PIN			22 AWG	1. BLACK 2. BROWN 3. BLUE 4. GREEN
5 PIN			22 AWG	1. BLACK 2. RED 3. GREEN 4. YELLOW 5. WHITE
6 PIN			24 AWG	1. BLUE 7. YELLOW 2. GREEN 3. RED 4. BLACK 6. BROWN
7 PIN			24 AWG	1. BLACK 6. BLUE 2. BROWN 7. GREY 3. RED 4. YELLOW 5. GREEN
8 PIN			24 AWG	1. BLACK 6. BLUE 2. BROWN 7. GREY 3. RED 8. WHITE 4. YELLOW 5. GREEN
9 PIN			26 AWG	1. BLACK 6. GREEN 2. BROWN 7. BLUE 3. RED 8. PURPLE 4. ORANGE 9. GREY 5. YELLOW
10 PIN			26 AWG	1. BLACK 6. GREEN 2. BROWN 7. BLUE 3. RED 8. PURPLE 4. ORANGE 9. GREY 5. YELLOW 10. WHITE
11 PIN			26 AWG	1. BLACK 6. GREEN 11. PINK 2. BROWN 7. BLUE 3. RED 8. PURPLE 4. ORANGE 9. GREY 5. YELLOW 10. WHITE
12 PIN			26 AWG	1. BLACK 6. GREEN 11. PINK 2. BROWN 7. BLUE 12. LIGHT GREEN 3. RED 8. PURPLE 4. ORANGE 9. GREY 5. YELLOW 10. WHITE





Electrical:

Current rating	4A (2 ~ 5 Pins), 2A (6 ~ 8 Pins), 1.5A (9 ~ 12 Pins) AC/DC
Voltage rating	250V (2 ~ 4 Pins), 60V (5 Pins), 30V (6 ~ 12 Pins) AC/DC
Withstanding voltage	450V AC/minute between contacts
Insulation resistance	10MΩ MIN
Contact resistance	5mΩ MAX

Environmental:

Operating temperature	-40°C ~ +80°C
Ingress protection	IP67
Mating cycles	500

SCM12-XXPXR-XXXX
- Length
- Right angle
- Coding
- Plug
- No. of contacts
- M12

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	M12 PLUG SOLDER TYPE	1
2	UL 2464 XXC PVC JACKET, 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	-	04 Sep 2026	Owen Page
1.1	Updated Drawing	FB / SUPP	28 Sep 2026	Peter Millard

Design Right Protected

RoHS Compliant

Third Angle Projection

Material:

Finish:

General Tol
.X ±0.50 5~10m ±100
0~2m ±40 10~30m ±200
2~5m ±60 30~99m ±500

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Owen Page

Checked by Peter Millard

Approved by

©2026

Date 04 Sep 2023

A3

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Description:
M12 (X) Pin A/D Code Plug, Right Angle, Overmoulded Cable Assembly

Part No: SCM12-XXPXR-XXXX

Issue 1.1

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