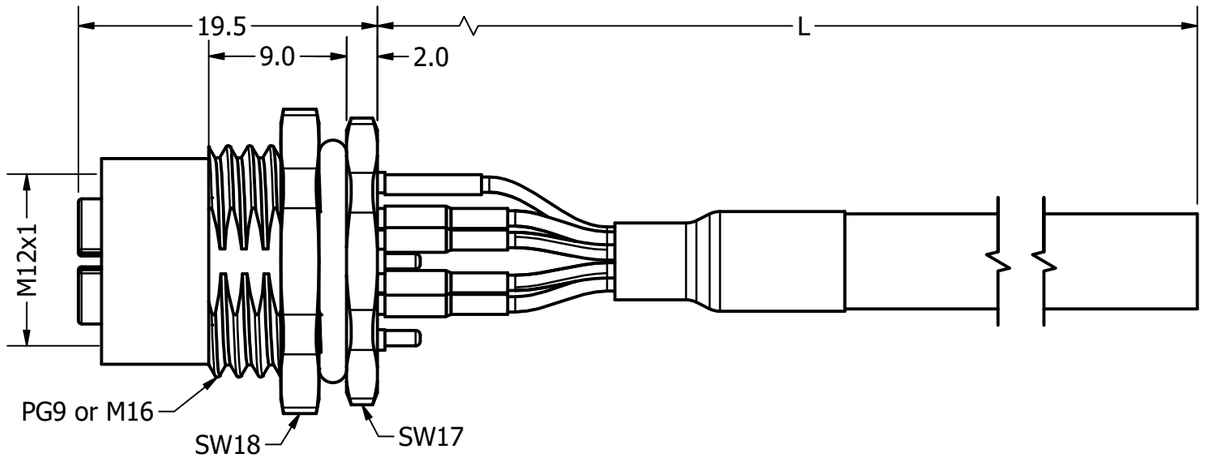
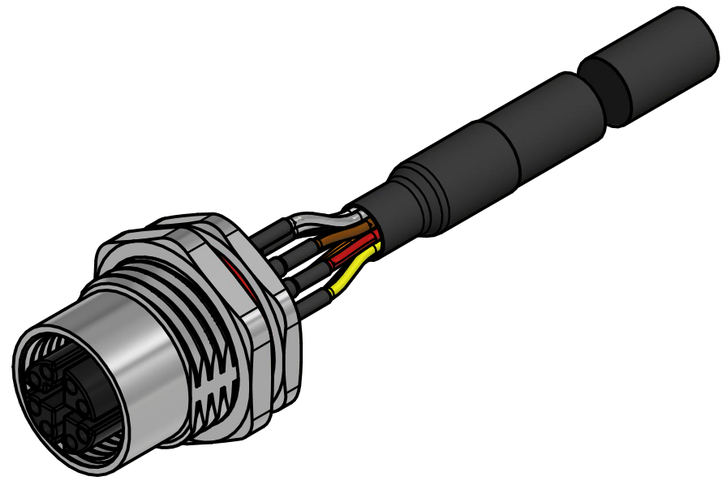






Electrical:

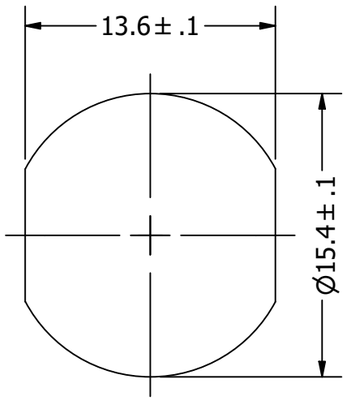
Current rating	0.5A AC/DC
Voltage rating	60V DC 50V AC
Withstanding voltage	450V AC/minute between contacts
Insulation resistance	10MΩ MIN
Contact resistance	15mΩ MAX

Environmental:

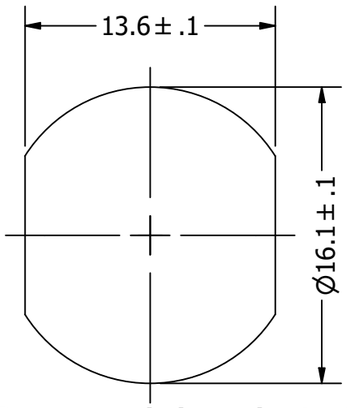
Operating temperature	-40°C ~ +80°C
Ingress protection	IP67
Mating cycles	500

SCA12-08SFXX-XXXX

- M12
- No. of contacts
- Coding
- Front fastened
- Socket
- Panel lock thread: 1=PG9 2=M16
- Cable length



PG9 Recommended panel cutout
MAX panel thickness: 4.0



M16 Recommended panel cutout
MAX panel thickness: 4.0

	X CODE	CABLE GAUGE	PINOUT			
8 PIN		24 AWG	1. BLACK	5. YELLOW		
			2. WHITE	6. BLUE		
			3. BROWN	7. ORANGE		
			4. RED	8. GREEN		

PARTS LIST

ITEM	DESCRIPTION	QTY
1	M12 socket front fastened solder type	1
2	Heat shrink tube, Colour: black, Length:15	8
3	UL1007 24AWG, Colour: XX	8

REVISION HISTORY

REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 Aug 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 .XX ±0.30

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Owen Page

Checked by

Approved by

©2026

Date 22 Aug 2023

A3

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Description: M12 8 Pin X Code Plug, Straight, Front Fastening (PG9/M16 Thread) Cable Assembly

Part No: SCA12-08SFXX-XXXX

Issue 1.1

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