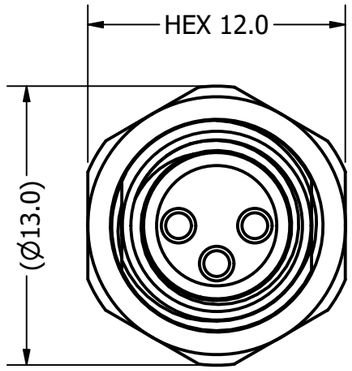
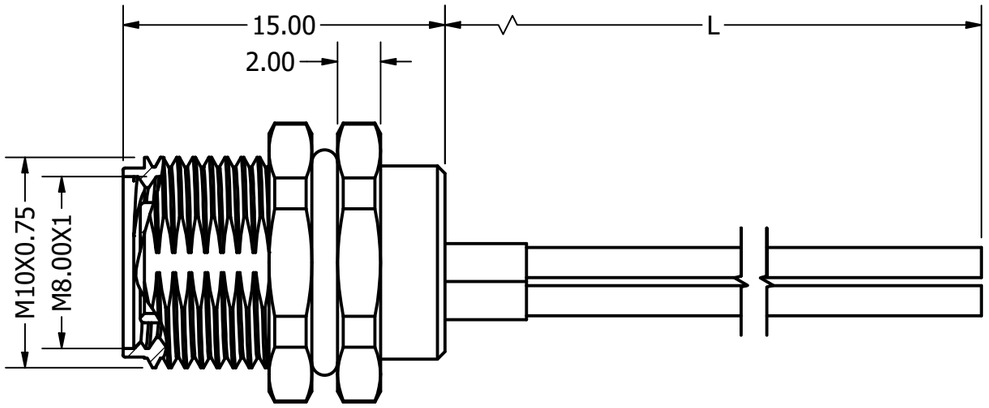
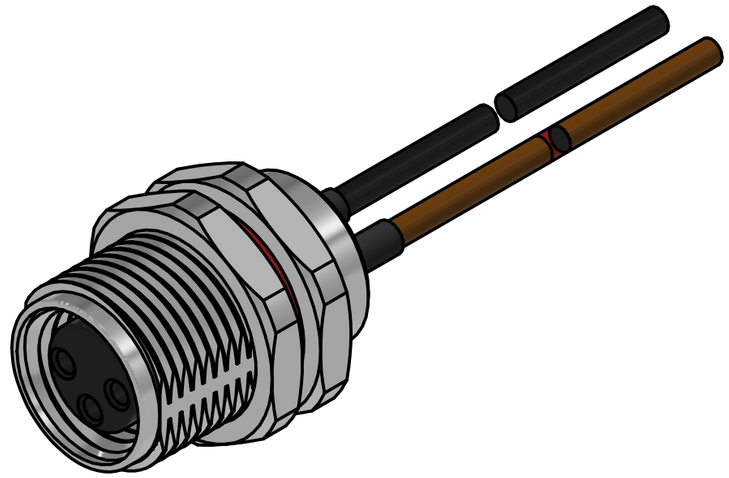
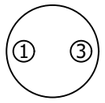
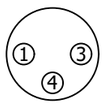
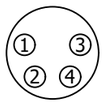
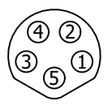
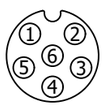






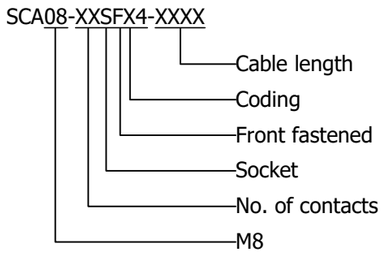
	A CODE	B CODE	CABLE GAUGE	PIN OUT
2 PIN			24 AWG	1. BLACK 3. BROWN
3 PIN			24 AWG	1. BLACK 3. BROWN 4. RED
4 PIN			24 AWG	1. BLACK 2. WHITE 3. BROWN 4. RED
5 PIN			24 AWG	1. BLACK 2. WHITE 3. BROWN 4. RED 5. YELLOW
6 PIN			26 AWG	1. BLACK 6. BLUE 2. WHITE 3. BROWN 4. RED 5. YELLOW
8 PIN			26 AWG	1. BLACK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

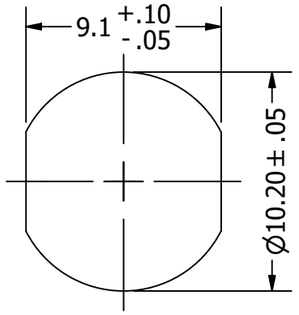
Electrical:

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





Recommended panel cutout
MAX panel thickness: 3.5

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 Aug 2026	Owen Page
1.1	Drawing update	FB / SUPP	30 Sep 2026	Peter Millard

Design Right Protected	Material:	Finish:	Gen Tol .X ±0.50 0~2m ±40 2~5m ±60 5~10m ±100 10~30m ±200 30~99m ±500	DO NOT SCALE Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Owen Page	Checked by	Approved by	©2026	Date 22 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 Socket, Straight, Front Fastening (M10 Thread), Cable Assembly		
			Part No: SCA08-XXSFX4-XXXX	Issue 1.1	Sheet 1 / 1

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