

Style

M8 Socket
4 pin
A-coding

Ratings

Voltage: 30 V
Current: 3 A

Operating Temperature Range

-40 ~ 105°C

Materials

- ① Insulator: Polyamide 66 (PA66), UL94 HB, black
- ② Pin: Phosphor copper, gold flashing
- ③ M8 Shell: HPB59 Brass, nickel plated
- ④ Outer Shell: Polyamide 66 (PA66), UL94 HB, black
- ⑤ Collet nut: Polyamide 66 (PA66), UL94 HB, black
- ⑥ Collet: HDPE
- ⑦ O-ring: Silicone rubber, black
- ⑧ O-ring: Silicone rubber, red

Electrical Requirements

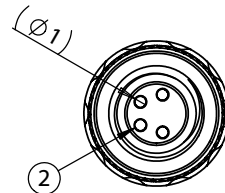
Insulation resistance: 100 MΩ
Contact resistance: 10 mΩ or less

Mechanical Requirements

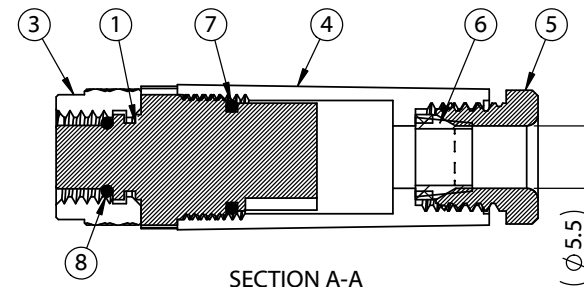
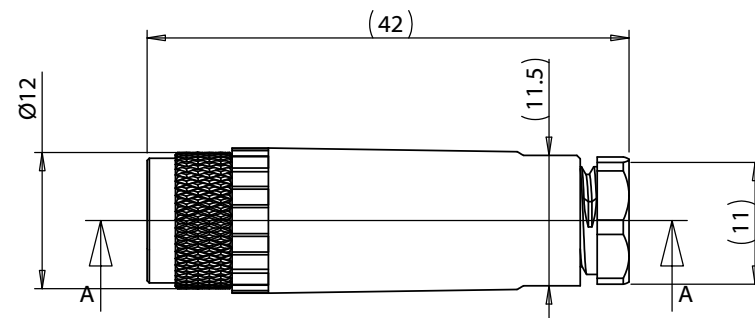
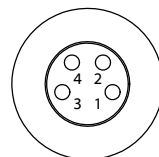
Life cycle: 1000 mating cycles minimum

Assembly Info

Waterproof: IP67
Suitable cable OD: 3 ~ 5mm
Terminal style: screw (Allen key included)
Max torque force:
M8 shell: 0.4 Nm
Collet nut: 0.8 ~ 1.0 Nm



Front View
Not to Scale



SECTION A-A



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	06/10/2026	Initial release	Verified:	RoHS compliant			
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm	Function test: no open, no short circuit, no intermittent	Size: Part number:		
				Description:	A 55-00470		
				Connector, M8 A-code socket, 4 pin, 8xL42 mm, assembly style, screw terminal, gold plated, IP67	Scale: 1.5:1		Sheet 1 of 1