

M12 Socket
4 pin
S-coding

Voltage: 630 Vac
Current: 12 A

-40 ~ 105 °C

- ① Insulator: Polyamide 66 (PA66), UL94 HB, black
- ② Pin: C5191 Phosphor bronze, gold plated
- ③ Shell: C3604 brass, nickel plated
- ④ Hex nut: C3604 brass, nickel plated
- ⑤ O-ring: Silicone rubber
- ⑥ Epoxy: Epoxy resin

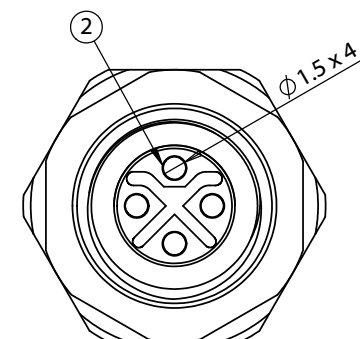
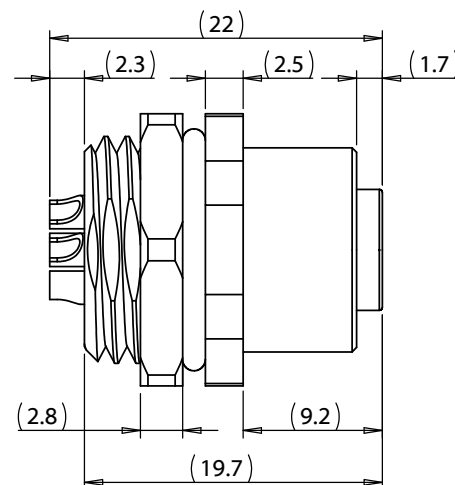
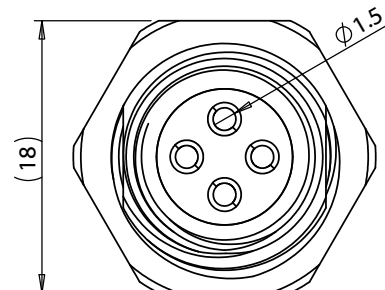
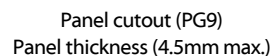
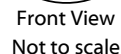
Insulation resistance: 100 MΩ @500 Vdc
Contact resistance: 10 mΩ or less



Life cycle: 500 mating cycles minimum

Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 48 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 mΩ

Waterproof: IP67

Wire gauge: 18 AWG max



Revision:	Date:	Description:	Prepared:	Notes:	<div>TENSILITY</div> <div>tel 1.541.323.3228 800 877.670.7118</div> <div>fax 1.541.323.4202 web tensility.com</div>		
A	03/10/2025	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			
				Description: Connector, M12 S-code socket, 4 pin, 12xL22 mm, panel mount, solder cup, gold plated, IP67	Size:	Part number:	
					A	54-00450	
					Scale: 2:1	 	Sheet 1 of 1