Style

M8 Socket, shielded 4 pin A-coding

Ratings

Voltage: 30 V Current: 3 A

Operating Temperature Range

-40 ~ 105 °C

Materials

- (1) Insulator: PA66, UL 94 HB, black

- (2) Pin: C3604 brass, gold flashing (3) Nut: C3604 brass, nickel plated (4) Shell: C3604 brass, nickel plated
- (5) O-ring: Nitrile rubber, black & green

Electrical Requirements
Dielectric strength: 1 min @ 500 Vac
Insulation resistance: $100 M\Omega$ @ 500 Vdc Contact resistance: $10 \text{ m}\Omega$ or less

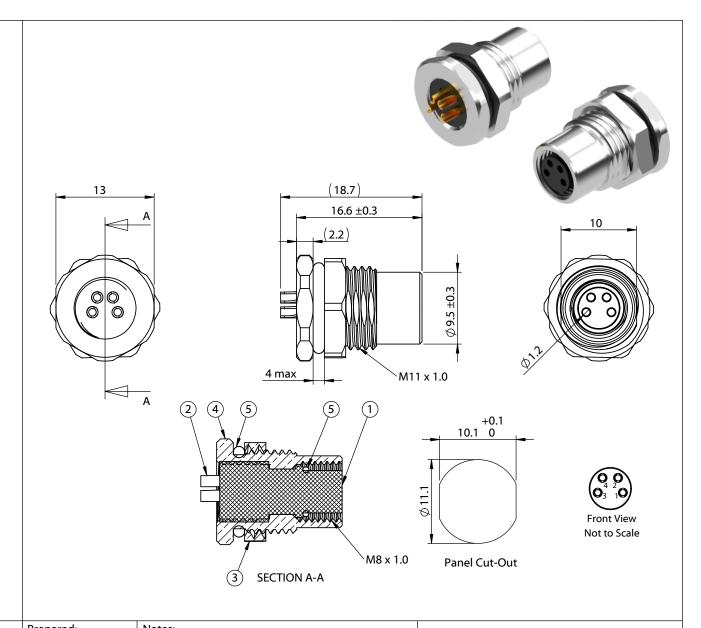
Mechanical Requirements

Life cycle: 1000 mating cycles minimum

Environmental Requirements
Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 24 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 m Ω . Waterproof: IP67

Assembly Info

Wire gauge: 24 AWG max



Revision:	Date:	Description:	Prepared: Digitally signed by JD	Notes:				
Α	8/25/21	Initial Release	Date: 2022.12.29 13:13:29 -08'00'	RoHS compliant		FNSII ITY		
			Dimensions are in millimeters. Tolerances:	Function test: no open, no short circuit, no intermittent	tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com			
				Description: Connector, 4 pin M8 A-code socket, 8x18.7 mm,	Size:	F4 00000		
			X.X: ± 0.1 mm X.XX: ± 0.05 mm	gold plated, panel mount, solder cup, IP67	Scale:	2:1		Sheet 1 of 1