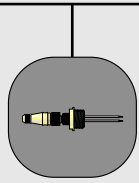


Receptacles

- Micro-Change® receptacles with DeviceNet color coded wiring
- Bulkhead feed-thru
- PCB – straight and 90° options



- A variety of options allows for maximum flexibility in connecting device nodes
- Bulkhead version features keyways for positive alignment of connections
- PCB version features space saving small footprint

A variety of receptacles allow the drop line to come into an enclosure and make connection to the internal panel components. Male or female receptacles are mounted to the enclosure with DeviceNet color-coded wiring coming from the back of the receptacle. The length of these wires can be varied. The bulkhead version allows a quick-disconnect to exist both on the exterior and interior of the panel or wall. PCB versions are designed to be oriented straight out of the enclosure or at 90° angles to the printed circuit board.

Receptacles

Specifications

- MECHANICAL**
- SHELL: RECEPTACLE – ANODIZED ALUMINUM
 BULKHEAD-NICKEL OVER BRASS
 PCB-THERMOPLASTIC
- INSERT: NYLON 6/6
- COUPLING NUT(PCB): DELRIN
- GASKET MATERIAL(BULKHEAD): NEOPRENE
- LOCK WASHER(BULKHEAD): STEEL ALLOY
- SUPPORT BRACKET: STEEL, TIN, LEAD, COATED
- MB PANEL THICKNESS(PCB): 0.639-0.070
- ELECTRICAL**
- VOLTAGE RATING: 250V AC / DC
- AMPERAGE: 4A
- ENVIRONMENTAL**
- PROTECTION: RECEPTACLES – IP68, NEMA 6P
 BULKHEAD – PCB IP-67
- AMBIENT OPERATING TEMP: -40° TO 176°F (-20° TO 80°C)

RECEPTACLE DIMENSIONS

Male Receptacle w/ 1/4" -18 NPT Threads

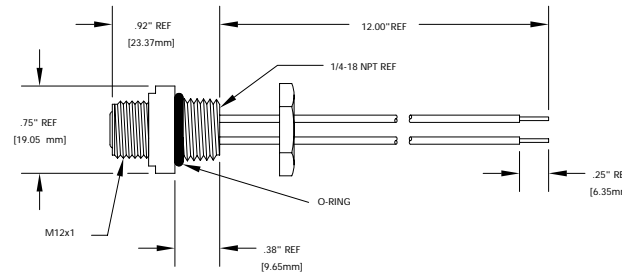


FIG 1

Female Receptacle w/ 1/4" -18 NPT Threads

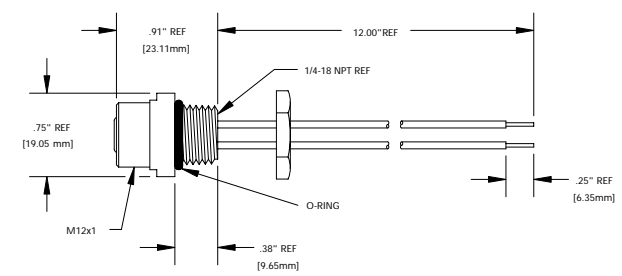


FIG 2

Bulkhead Pass-Thru

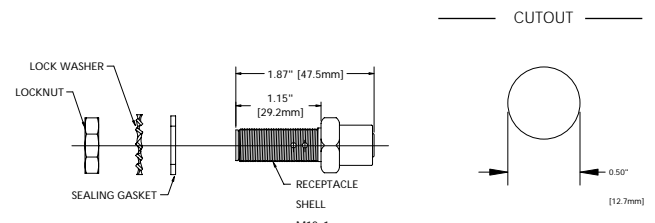


FIG 3

RECEPTACLE DIMENSIONS

Female PCB Mount

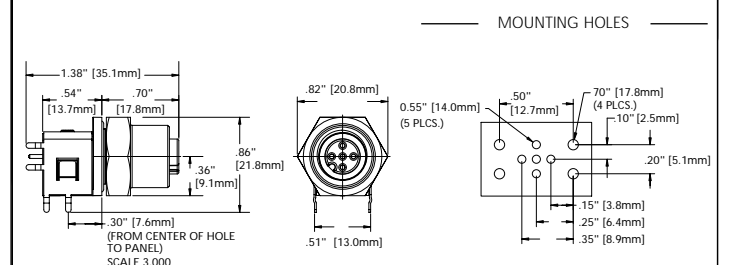


FIG 4

Male PCB Mount

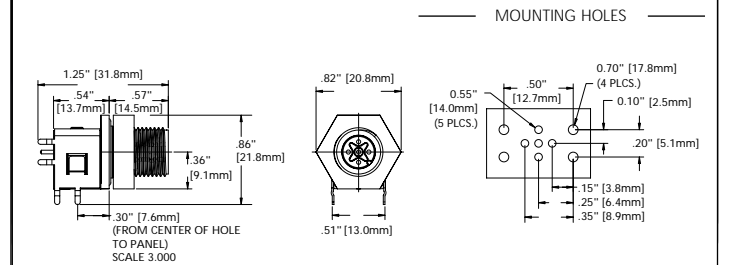
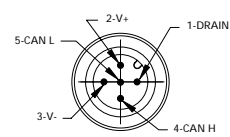
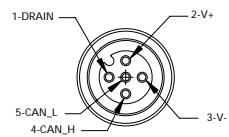


FIG 5

Receptacles

FEMALE

MALE



FACE VIEWS					
MALE	FIG	RECEPTACLES WITH #22 GAUGE WIRING 12" LONG	1 – GREY 4 – WHITE	2 – RED 5 – BLUE	3 – BLACK
STRAIGHT W/ 1/4" -18 NPT	1				81612
MALE	FIG	RECEPTACLES PCB MOUNT*			
STRAIGHT	5				8R5L560005
90°	5				8R5L570005
FEMALE	FIG	RECEPTACLES WITH #22 GAUGE WIRING 12" LONG	1 – GREY 4 – WHITE	2 – RED 5 – BLUE	3 – BLACK
STRAIGHT W/ 1/4" -18 NPT	2				81611
FEMALE	FIG	RECEPTACLES PCB MOUNT*			
STRAIGHT	4				8R5L500005
90°	4				8R5L510005
FEMALE/MALE	FIG	BULKHEAD FEED-THRU MICRO-CHANGE			
STRAIGHT	3				8R5L30

*These are single connector part numbers. PCB receptacles are packaged 35/tray and are ordered with a -35 suffix
 Example: 8R5L560005-35 are (35) male straight PCB mount receptacles