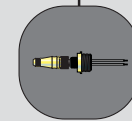


Receptacles

- Micro-Change® (M12) and Nano-Change® (M8) 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				
FACE VIEWS		FEMALE		MALE
MALE	FIG	RECEPTACLES WITH #22 GAUGE WIRING 12" LONG		1 – GREY 2 – RED 3 – BLACK 4 – WHITE 5 – BLUE
MICRO-CHANGE (M12)	1	STRAIGHT W / 1/8"-18 NPT	81612	
NANO-CHANGE (M8)	3	STRAIGHT (M8 X 0.5")	4R5P06D12C305	
MALE	FIG	RECEPTACLES PCB MOUNT*	STRAIGHT	90°
MICRO-CHANGE (M12)	7		8R5L560005-35	8R5L570005-35
NANO-CHANGE (M8)	8		4R5F560005	4R5F570005
FEMALE	FIG	RECEPTACLES WITH #22 GAUGE WIRING 12" LONG		1 – GREY 2 – RED 3 – BLACK 4 – WHITE 5 – BLUE
MICRO-CHANGE (M12)	2	STRAIGHT W / 1/8"-18 NPT	81611	
NANO-CHANGE (M8)	4	STRAIGHT (M8 X 0.5")	4R5P00D12C305	
FEMALE	FIG	RECEPTACLES PCB MOUNT*	STRAIGHT	90°
MICRO-CHANGE (M12)	6		8R5L500005-35	8R5L510005-35
FEMALE/MALE	FIG	BULKHEAD FEED-THRU		
MICRO-CHANGE (M12)	5	STRAIGHT	8R5L30	

*Micro-Change™ PCB receptacles are packaged 35/tray and are ordered with a -35 suffix

RECEPTACLE DIMENSIONS

Micro-Change (M12) Male Receptacle - 12" Wire Pigtail

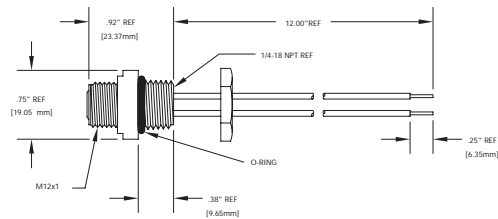


FIG 1

Micro-Change (M12) Female Receptacle - 12" Wire Pigtail

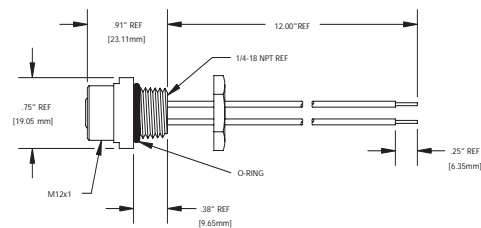


FIG 2

Nano-Change (M8) Male Receptacle - 12" Wire Pigtail

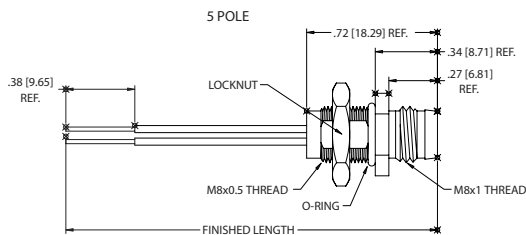


FIG 3

Nano-Change (M8) Female Receptacle - 12" Wire Pigtail

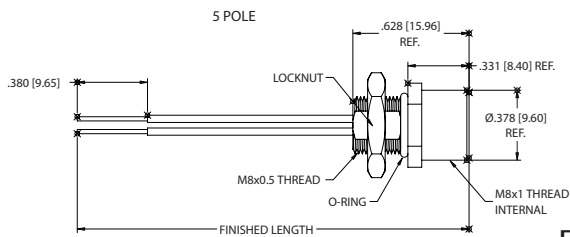


FIG 4

Bulkhead Pass-Thru

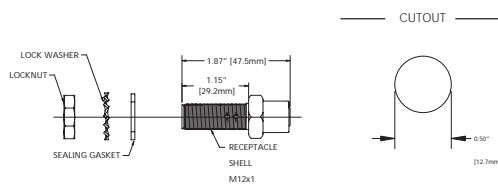


FIG 5

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: RECEPTABLES – IP68, NEMA 6P

BULKHEAD – PCB IP-67

AMBIENT OPERATING TEMP: -40° TO 176°F (-20° TO 80°C)

RECEPTACLE DIMENSIONS

Micro-Change (M12) Female PCB Mount

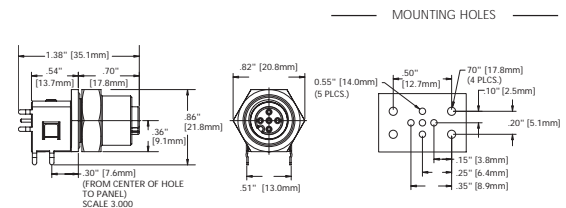


FIG 6

Micro-Change (M12) Male PCB Mount

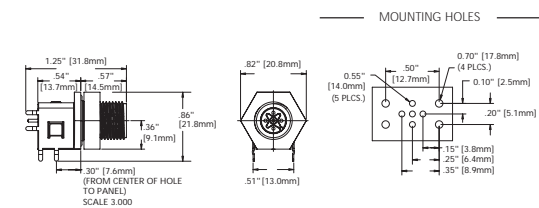


FIG 7

Nano-Change (M8) Male PCB Mount

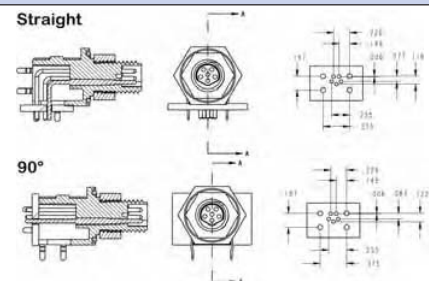


FIG 8