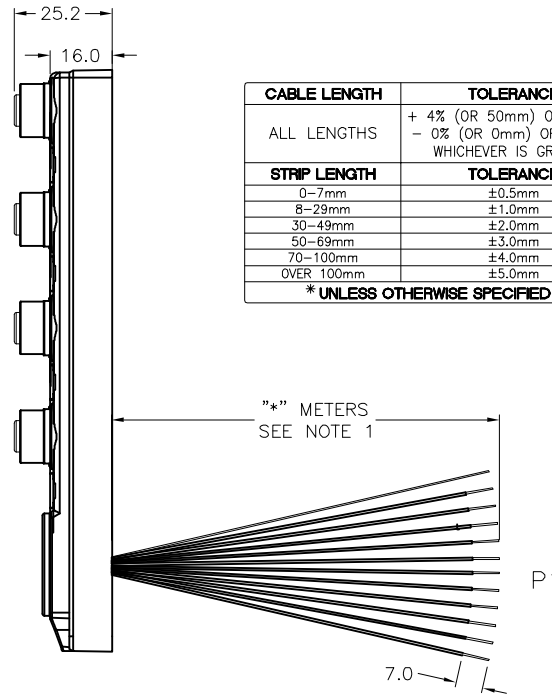
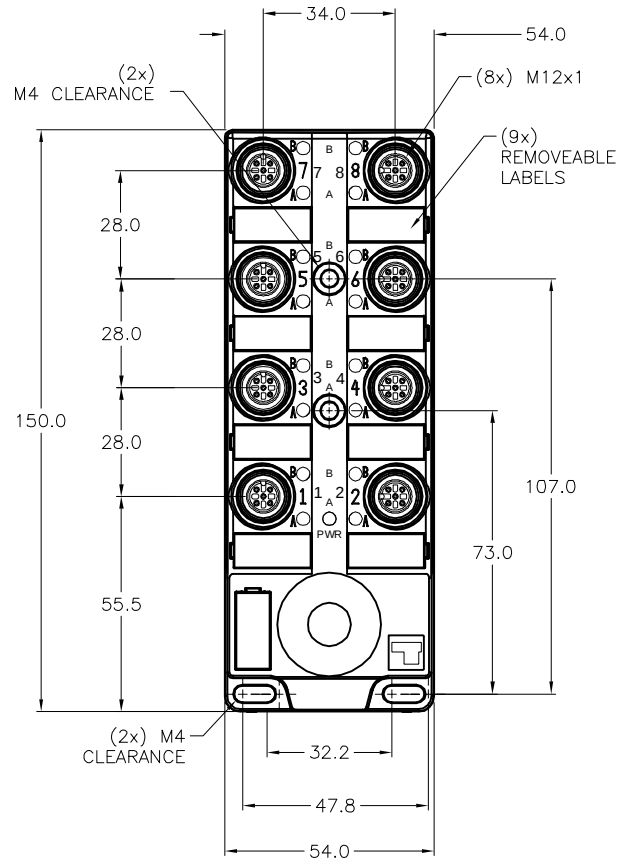
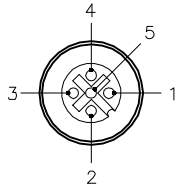


FEMALE END VIEW

1 2 3 4 5



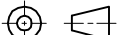
SEE NOTE 1

SPECIFICATIONS	
NUMBER OF CONDUCTORS [AWG]	11x22 AWG
CONDUCTOR INSULATION MATERIAL	PVC
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	FKM/FPM
OPERATING VOLTAGE [V]	250 VDC
OPERATING CURRENT [A]	4.0 AMPS/SIGNAL, 12.0 AMPS TOTAL
PROTECTION CLASS	IP68, IP69K: ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)

The diagram illustrates the internal wiring of the 8255 PPI. On the left, the 8255 PPI has pins 1, 2, 3, 4, and 5, and connectors J1, J3, J5, J7. On the right, the 8259A has pins 1, 2, 3, 4, and 5, and connectors J2, J4, J6, J8. Internal connections are indicated by dots at the intersections of horizontal and vertical lines. The horizontal lines represent the 8255 PPI pins, and the vertical lines represent the 8259A pins. The connections are as follows:

- 8255 PPI Pin 1 connects to 8259A Pin 1.
- 8255 PPI Pin 2 connects to 8259A Pin 2.
- 8255 PPI Pin 3 connects to 8259A Pin 3.
- 8255 PPI Pin 4 connects to 8259A Pin 4.
- 8255 PPI Pin 5 connects to 8259A Pin 5.
- 8255 PPI J1 Pin 1 connects to 8259A J2 Pin 1.
- 8255 PPI J1 Pin 2 connects to 8259A J2 Pin 2.
- 8255 PPI J1 Pin 3 connects to 8259A J2 Pin 3.
- 8255 PPI J1 Pin 4 connects to 8259A J2 Pin 4.
- 8255 PPI J1 Pin 5 connects to 8259A J2 Pin 5.
- 8255 PPI J3 Pin 1 connects to 8259A J4 Pin 1.
- 8255 PPI J3 Pin 2 connects to 8259A J4 Pin 2.
- 8255 PPI J3 Pin 3 connects to 8259A J4 Pin 3.
- 8255 PPI J3 Pin 4 connects to 8259A J4 Pin 4.
- 8255 PPI J3 Pin 5 connects to 8259A J4 Pin 5.
- 8255 PPI J5 Pin 1 connects to 8259A J6 Pin 1.
- 8255 PPI J5 Pin 2 connects to 8259A J6 Pin 2.
- 8255 PPI J5 Pin 3 connects to 8259A J6 Pin 3.
- 8255 PPI J5 Pin 4 connects to 8259A J6 Pin 4.
- 8255 PPI J5 Pin 5 connects to 8259A J6 Pin 5.
- 8255 PPI J7 Pin 1 connects to 8259A J8 Pin 1.
- 8255 PPI J7 Pin 2 connects to 8259A J8 Pin 2.
- 8255 PPI J7 Pin 3 connects to 8259A J8 Pin 3.
- 8255 PPI J7 Pin 4 connects to 8259A J8 Pin 4.
- 8255 PPI J7 Pin 5 connects to 8259A J8 Pin 5.

Labels at the bottom of the diagram include: P1, WH, YE, PK, BK, GN/YE, BN, BU, COM, GND, PWR, VT, RD, Gy, and GN.

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1. 2. 3. 4.									
MATERIAL		DRFT ER		DATE 03/23/20		DESCRIPTION 8MB12Z-4-*BL			
SEE SPECIFICATIONS		APVD L.F.		SCALE 1=2.0					
FINISH		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT MILLIMETERS DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.		REV A	
SEE SPECIFICATIONS									
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