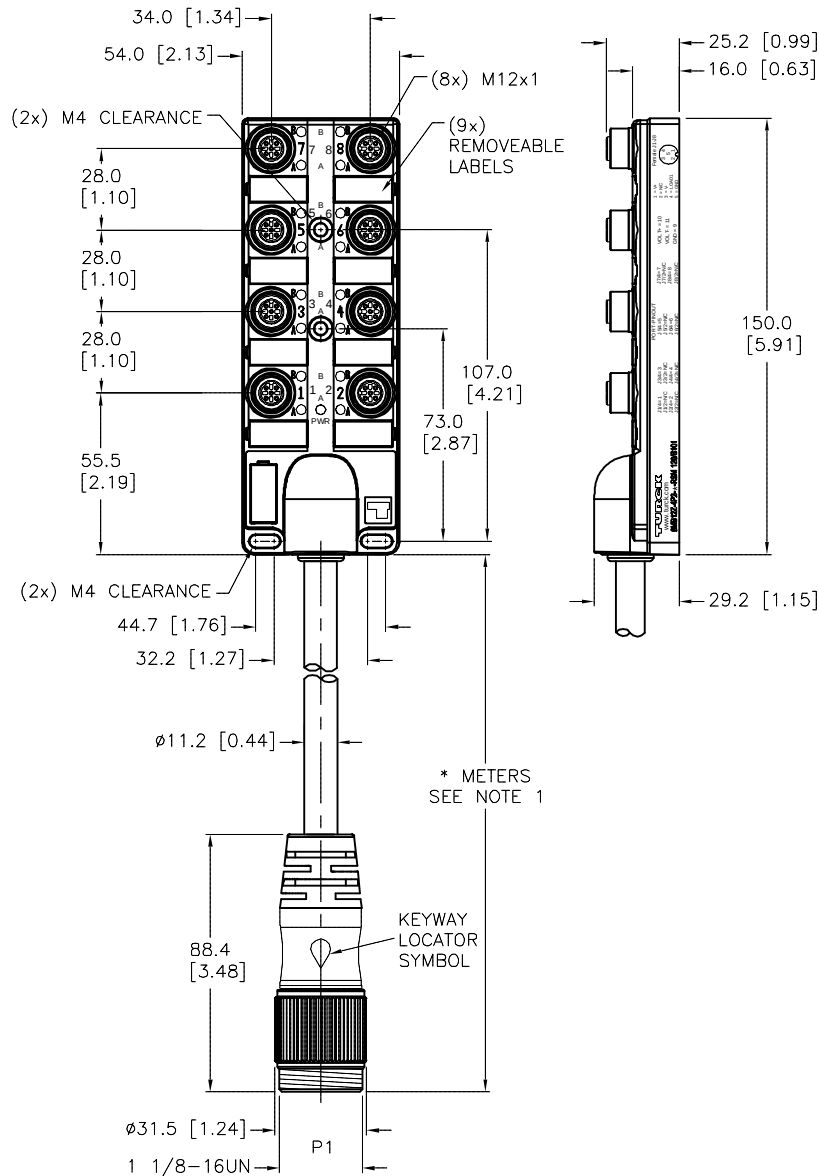
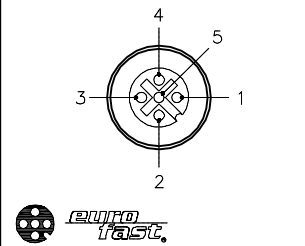
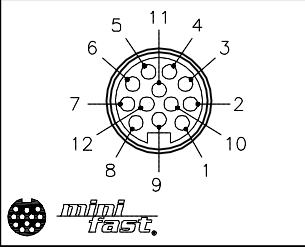




FEMALE END VIEW (J1-J8)



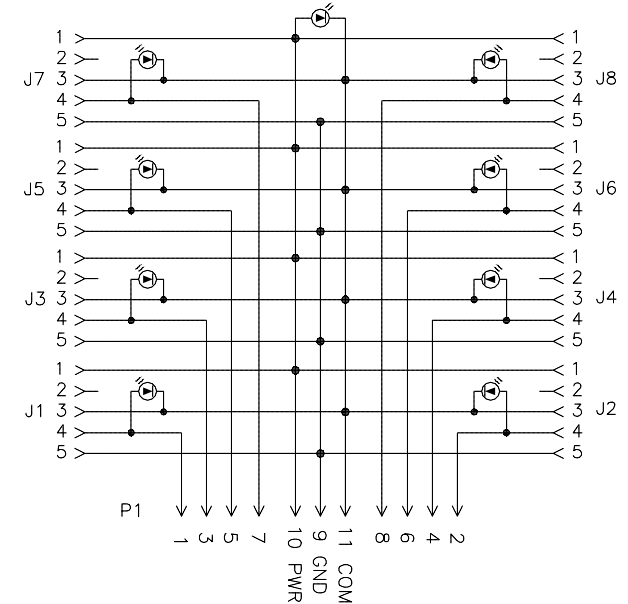
MALE END VIEW (P1)



SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	12x18 AWG
CONDUCTOR INSULATION MATERIAL	POLYESTER ELASTOMER
OUTER JACKET MATERIAL/COLOR	TPE/YELLOW
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING (J1-J8)	BRASS/NICKEL
CONTACT CARRIER MATERIAL	TPU
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/YELLOW
O-RING MATERIAL	FKM/FPM
OPERATING VOLTAGE [V]	10-30 VDC
OPERATING CURRENT [A]	2.0 AMPS/SIGNAL, 7.0 AMPS TOTAL
PROTECTION CLASS	IP67, ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)

WIRING DIAGRAM



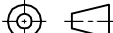
CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

* UNLESS OTHERWISE SPECIFIED

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

- "*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
- "/S101" DESIGNATES FLEXLIFE-20 CABLE.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION			THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.				3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	05/17/10	DESCRIPTION 8MB12Z-4P2-*--RSM 120/S101			
APVD		T.S.	SCALE	1=2.7					
FINISH SEE SPECIFICATIONS		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT MILLIMETER [INCH] DO NOT SCALE THIS DRAWING				IDENTIFICATION NO.		REV E
						FILE: 777026289		SHEET 1 OF 1	

E	ADD CE LOGO TO LABEL	ER	08/31/18	66305
REV	DESCRIPTION	BY	DATE	ECO NO.