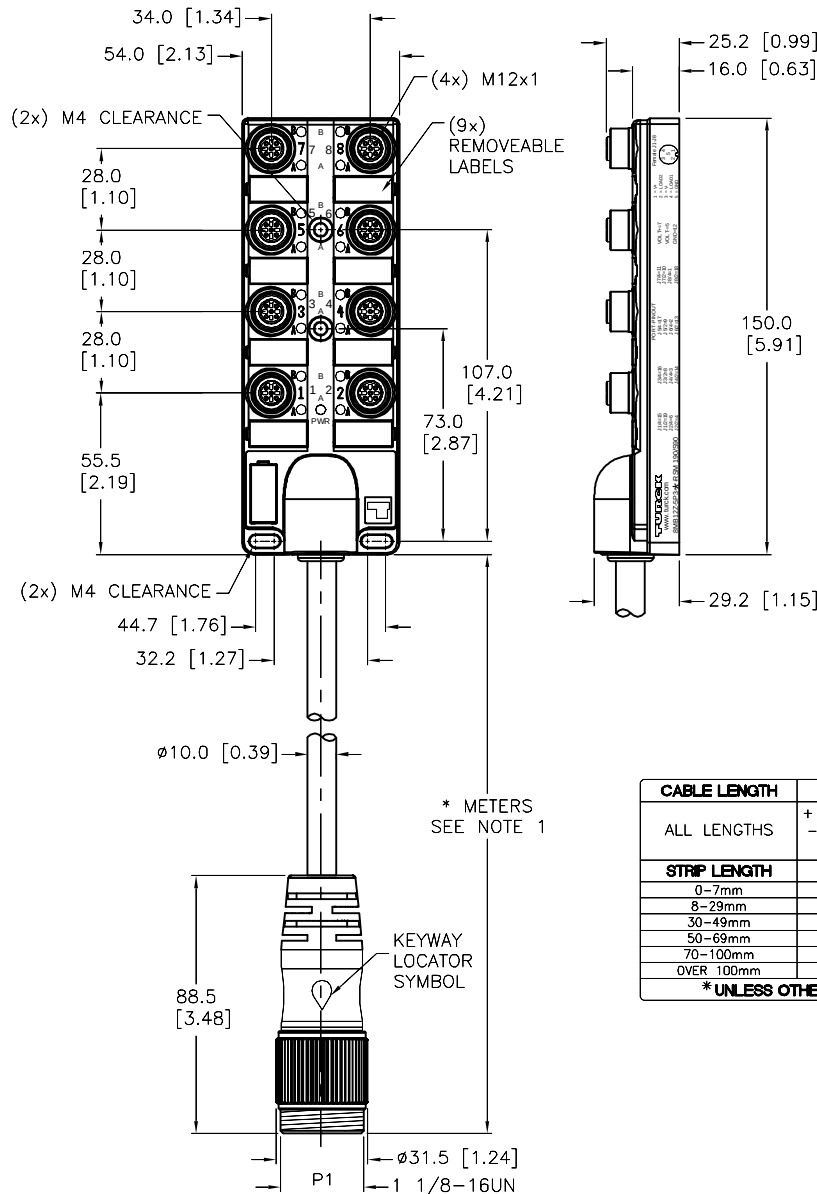
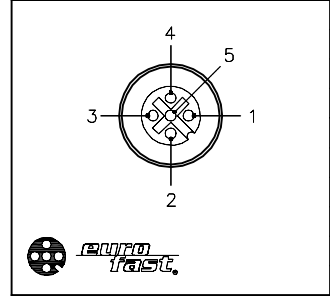




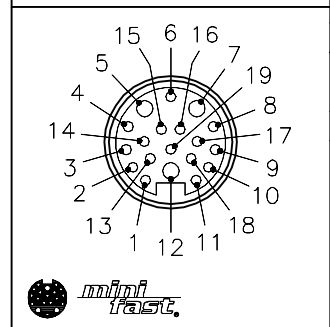
NOTES:

1. "*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
2. "/S90" DESIGNATES THERMOPLASTIC POLYURETHANE (TPU) CABLE JACKET.

FEMALE END VIEW (J1-J8)



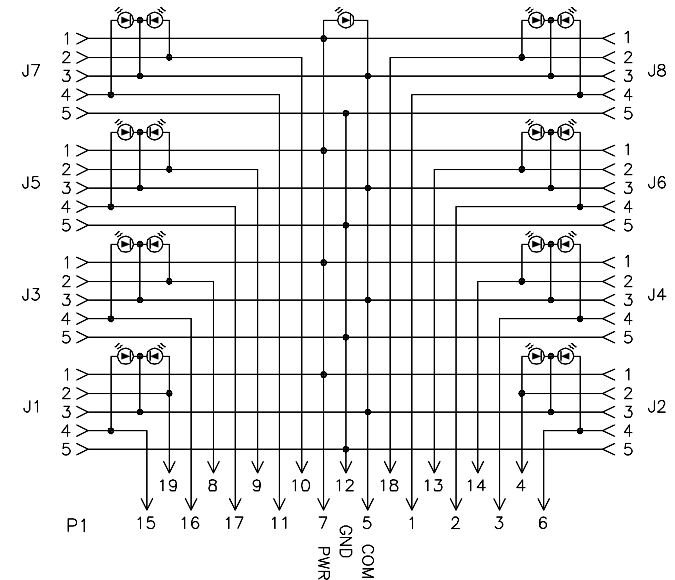
MALE END VIEW (P1)



SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	20 AWG/ALUMINUM-POLYESTER FOIL
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	TPU/YELLOW
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING (J1-J8)	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/YELLOW
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
O-RING MATERIAL	FKM/FPM
OPERATING VOLTAGE [V]	10-30 VDC
OPERATING CURRENT [A]	2.0 AMPS/SIGNAL, 4.0 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



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us				
1.										
2.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION		DRFT	RDS	DATE	04/17/14	DESCRIPTION 8MB12Z-5P3-*-RSM 190/S90		
3.				APVD	T.S.	SCALE	1=2.7			
4.				UNIT OF MEASUREMENT MILLIMETER [INCH]						
MATERIAL		SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING				IDENTIFICATION NO.		REV
FINISH				SEE SPECIFICATIONS				FILE: 777033240		C
								SHEET 1 OF 1		

C	ADDED CE LOGO TO LABEL	NF	08/31/18	66305
REV	DESCRIPTION	BY	DATE	ECO NO.