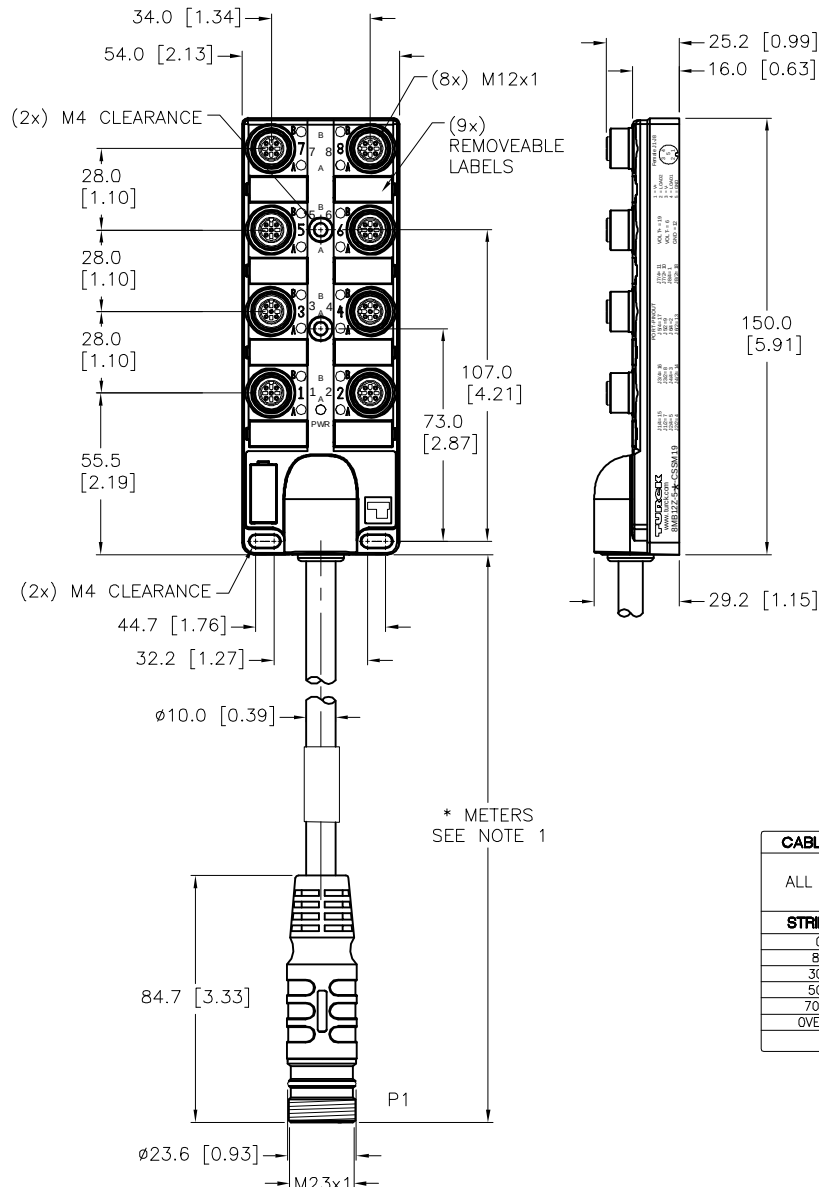
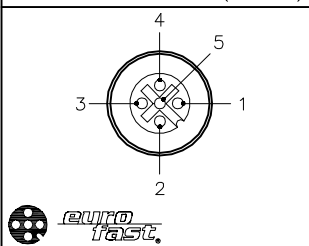




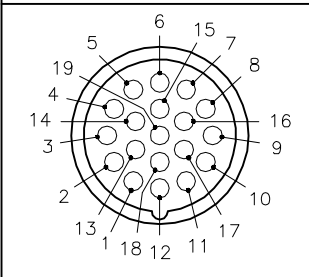
NOTES:

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

FEMALE END VIEW (J1-J8)



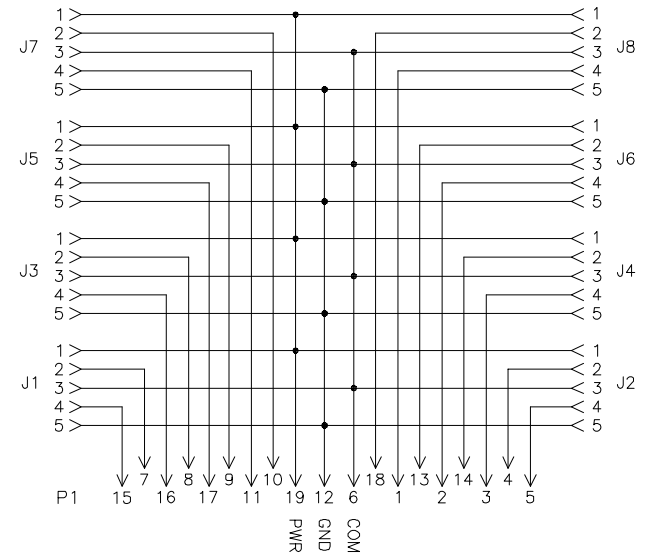
MALE END VIEW (P1)



SPECIFICATIONS

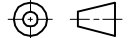
NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	20 AWG DRAIN/POLYESTER FOIL SHIELD
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	TPU/YELLOW
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING (J1-J8)	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON (J1-J8), PBT (P1)
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
MOLD MATERIAL/COLOR (P1)	TPU/BLACK
O-RING MATERIAL	FKM/FPM
OPERATING VOLTAGE [V]	60 VDC
OPERATING CURRENT [A]	2.0 AMPS/SIGNAL, 9.0 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

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 NF	DATE 07/21/15	DESCRIPTION 8MB12Z-5-*--CSSM 19/S90		
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.	
				FILE: 777035786		SHEET 1 OF 1

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