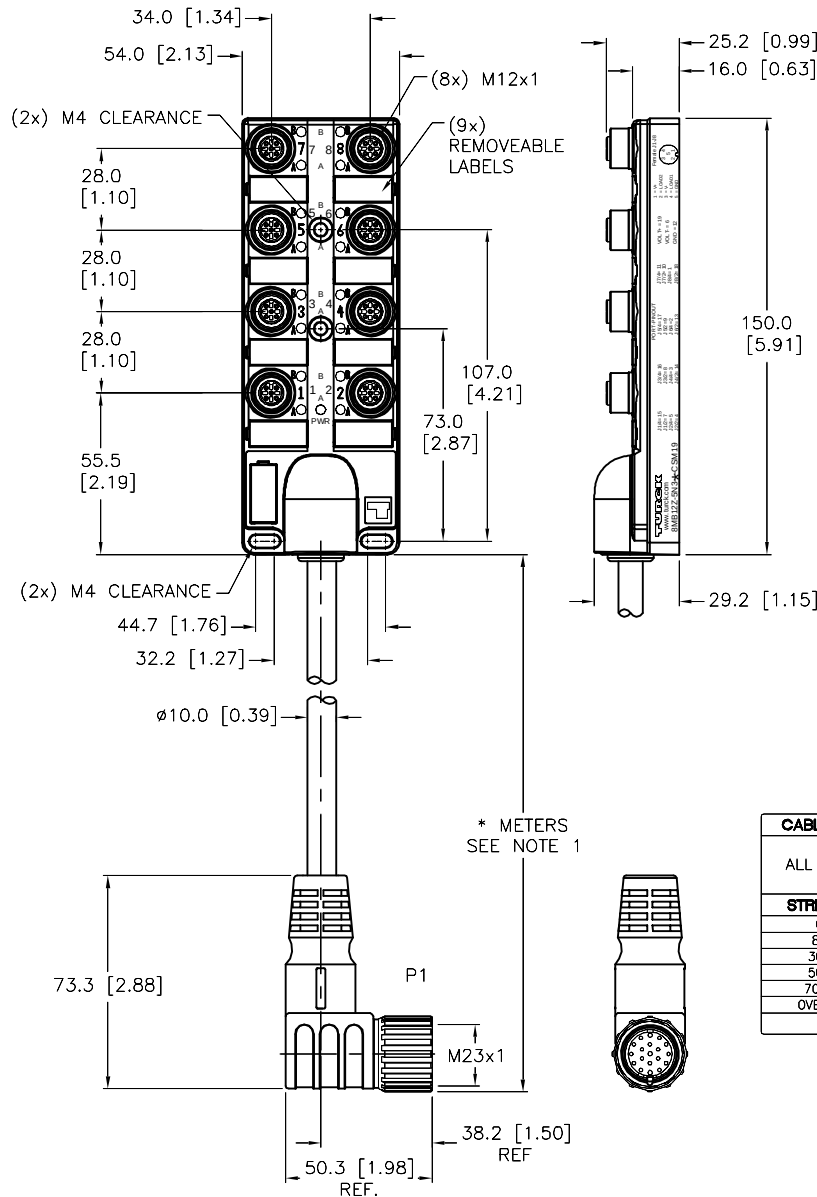
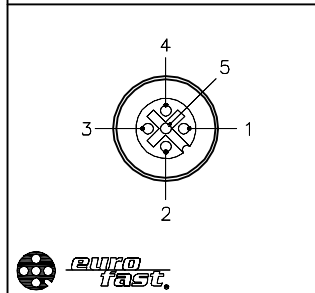
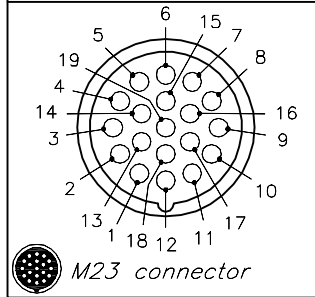




FEMALE END VIEW (J1-J8)



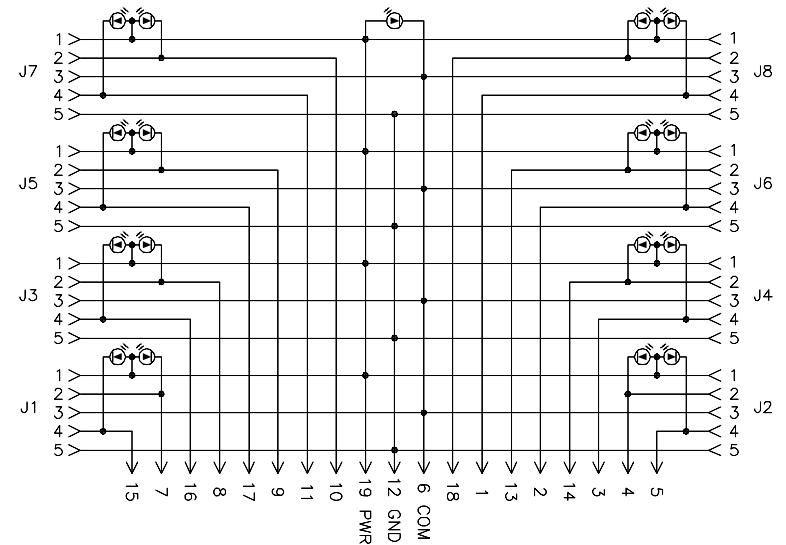
MALE END VIEW (P1)



SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	20 AWG/ALUMINUM-POLYESTER FOIL
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	PVC/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
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/BLACK
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, 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

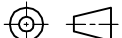


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

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	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	NF	DATE	02/17/15	DESCRIPTION 8MB12Z-5N3-*-CSWM 19			
SEE SPECIFICATIONS		APVD	T.S.	SCALE	1=2.7				
FINISH		UNIT OF MEASUREMENT				IDENTIFICATION NO.		REV C	
SEE SPECIFICATIONS		MILLIMETER [INCH]							
		CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING				FILE: 777034732		SHEET 1 OF 1

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