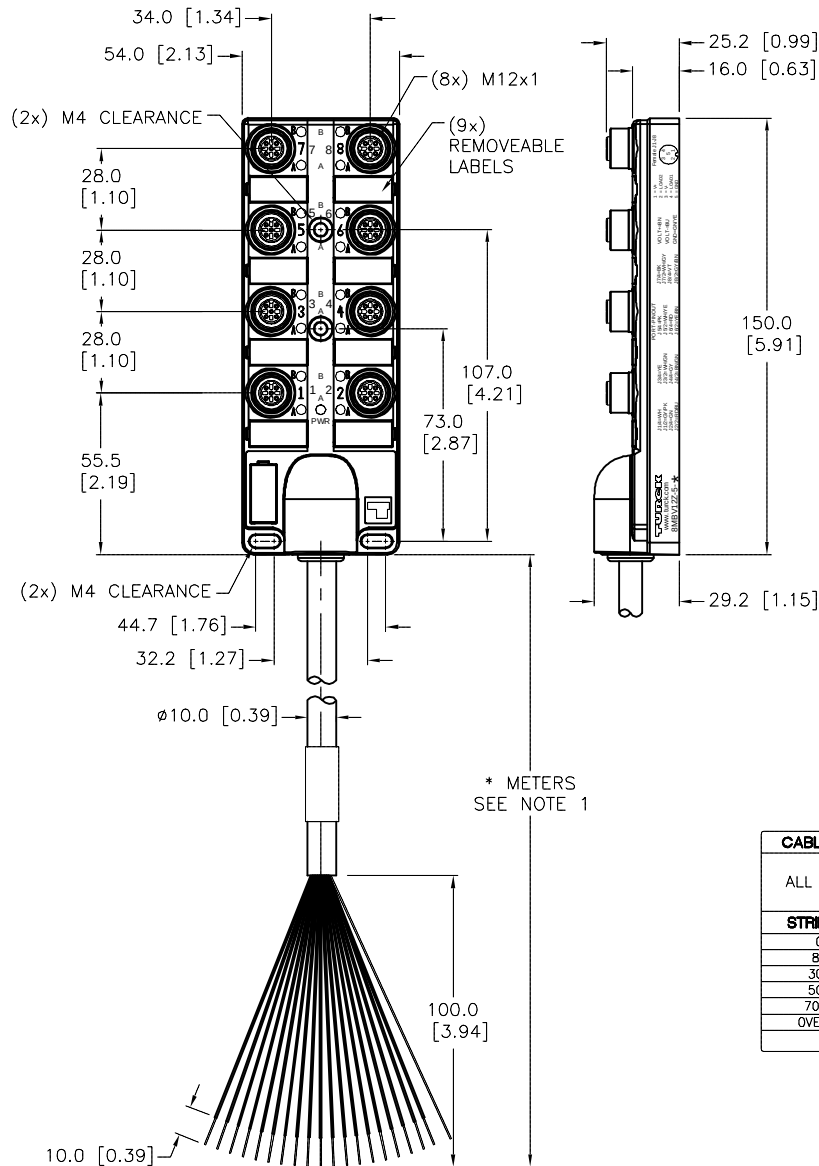
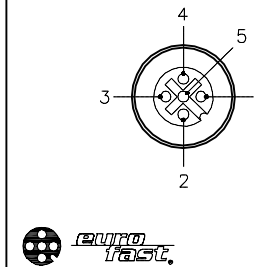




NOTES:

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

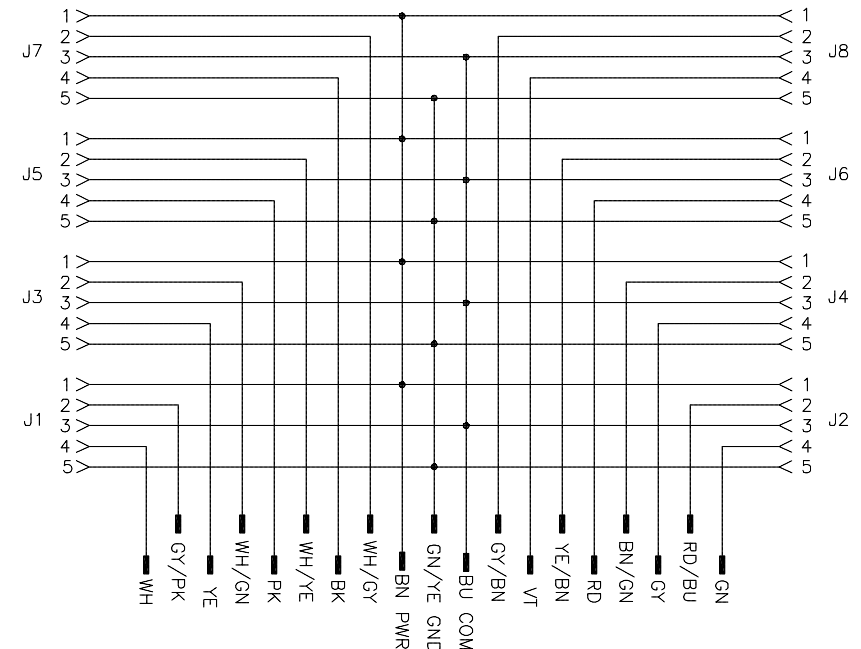
FEMALE END VIEW



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/FINISH	STAINLESS STEEL/PASSIVATED
CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	FKM/FPM
OPERATING VOLTAGE [V]	10-30 VDC
OPERATING CURRENT [A]	2.0 AMPS/SIGNAL, 9.0 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)

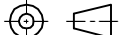
WIRING DIAGRAM



SOURCE DRAWING - FOR REFERENCE ONLY

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

RELATED DOCUMENTS		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			
1.									
2.									
3.									
4.									
MATERIAL		DRFT RDS		DATE 09/03/14		DESCRIPTION 8MBV12Z-5-*			
SEE SPECIFICATIONS		APVD J.S.		SCALE 1=2.7					
		UNIT OF MEASUREMENT MILLIMETER [INCH]							
FINISH		CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.		REV B	
SEE SPECIFICATIONS						FILE: 777033889			

B	UPDATED SEALING RING MATERIAL PER ECO	TV	08/12/16	56141
REV	DESCRIPTION	BY	DATE	ECO NO.