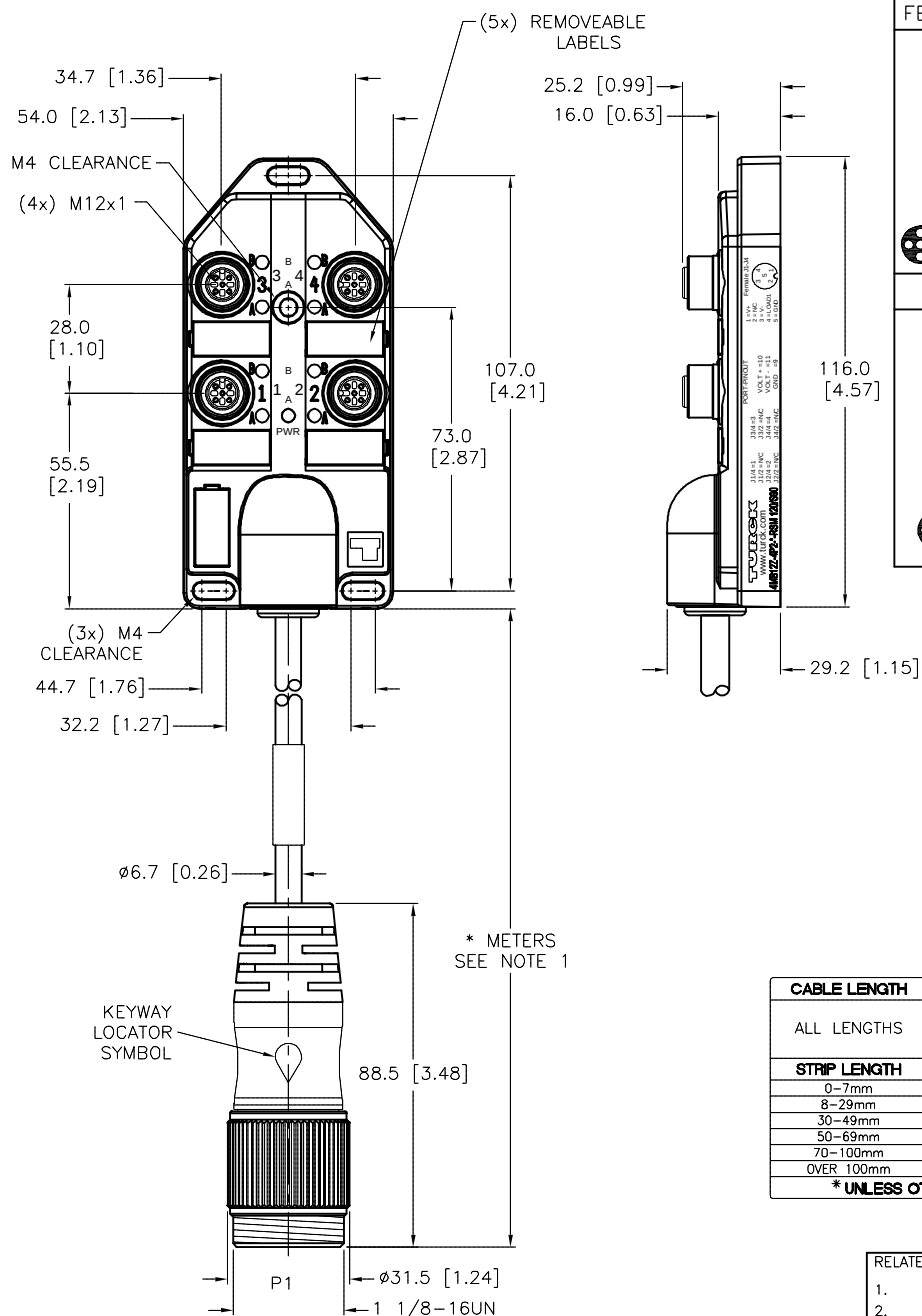
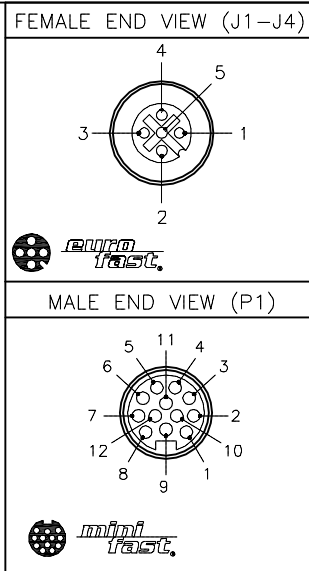




NOTES:

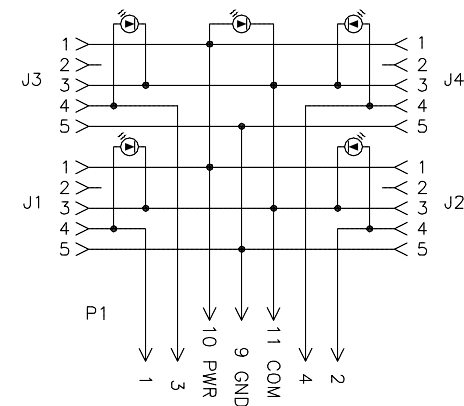
- "*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
- "/S90" DESIGNATES THERMOPLSTIC POLYURETHANE (TPU) CABLE JACKET.



SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	7x18 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-J4)	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON (J1-J4), TPU (P1)
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/YELLOW
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	VITON
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

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 turck.com	
		DRFT	RDS	DATE	02/27/08
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD	RDS	SCALE	1=2.0
		UNIT OF MEASUREMENT MILLIMETER [INCH]		DESCRIPTION 4MB12Z-4P2-*--RSM 120/S90	
FINISH SEE SPECIFICATIONS	CONTACT TURCK FOR MORE INFORMATION	IDENTIFICATION NO.			REV G
DO NOT SCALE THIS DRAWING		FILE: 777021152			SHEET 1 OF 1

G	ADD TOP CLICHE PER ECO	KMY	08/26/13	43115
REV	DESCRIPTION	BY	DATE	ECO NO.