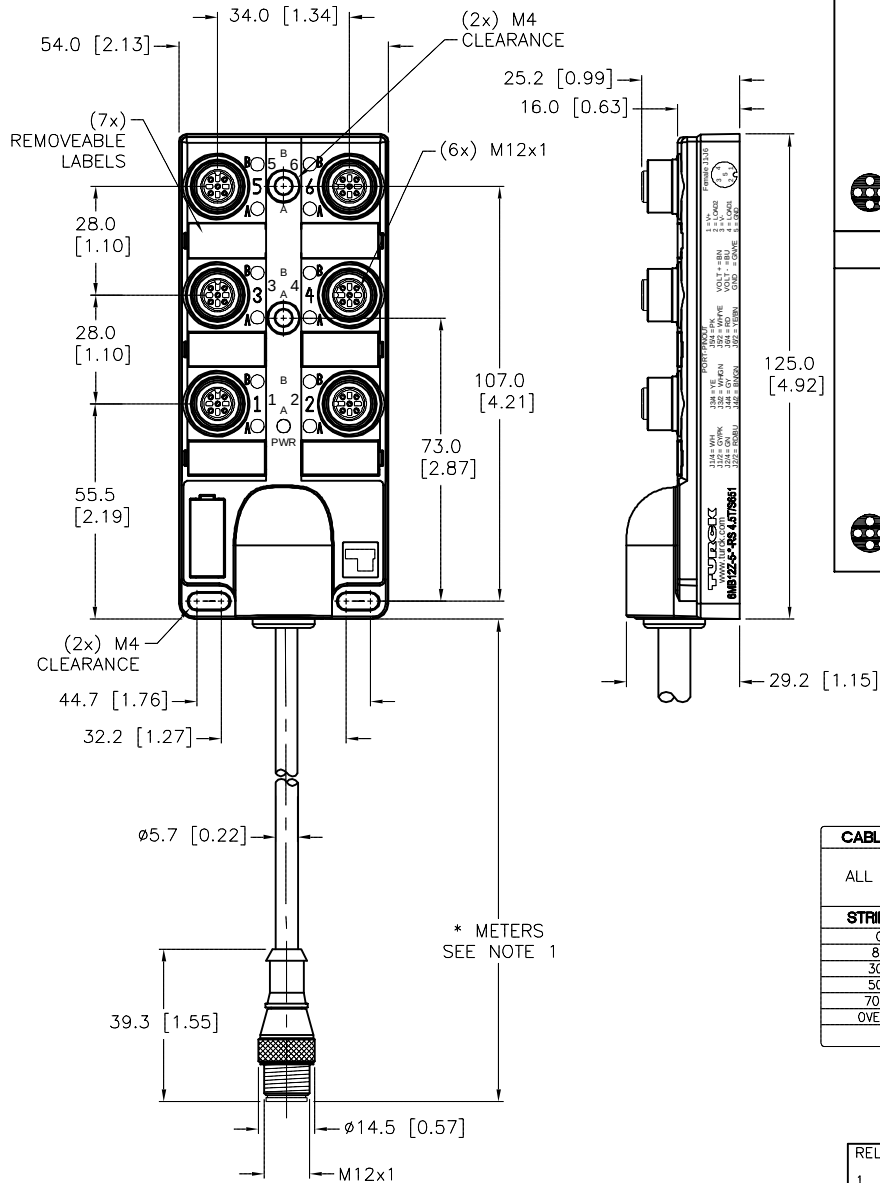
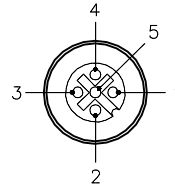
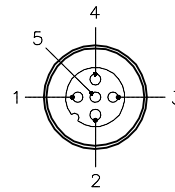




FEMALE END VIEW



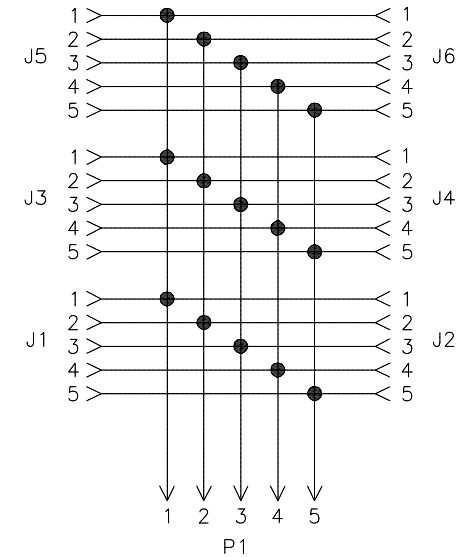
MALE END VIEW



SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	5x22 AWG
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	PVC/BLACK
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	FKM/FPM
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL (P1)
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK (P1)
OPERATING VOLTAGE [V]	10-30 VDC
OPERATING CURRENT [A]	4.0 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

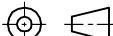


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

- "*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
- "/S651" DESIGNATES PARALLEL WIRING.

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	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	02/16/18				
SEE SPECIFICATIONS		APVD	L.H.	SCALE	1=2.0				
		UNIT OF MEASUREMENT				DESCRIPTION 6MB12Z-5-*--RS 4.5T/S651			
FINISH		CONTACT TURCK FOR MORE INFORMATION							
SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING				IDENTIFICATION NO.		REV A	
						FILE: 777041108		SHEET 1 OF 1	

A	DRAWING RELEASE	NF	03/01/18	
REV	DESCRIPTION	BY	DATE	ECO NO.