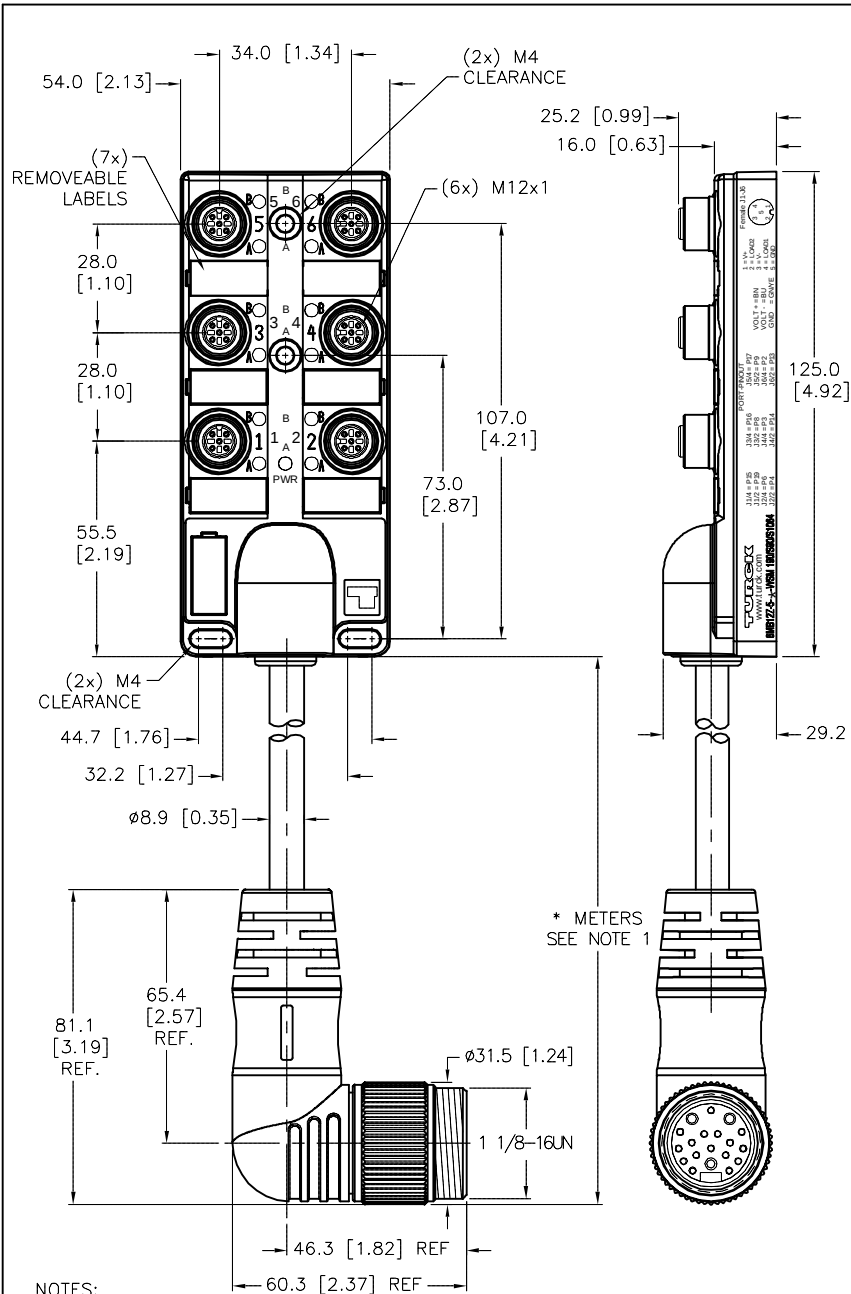
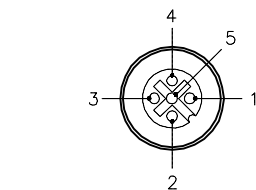




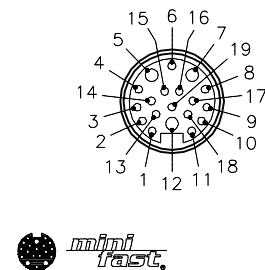
NOTES:

1. "*" INDICATES CABLE LENGTHS IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
2. "/S90" DESIGNATES THERMOPLASTIC POLYURETHANE (TPU) CABLE.
3. "/S1064" DESIGNATES HALOGEN FREE CABLE.
4. UNUSED CONDUCTORS TRIMMED BACK TO CABLE JACKET ON BOTH ENDS.

FEMALE END VIEW



MALE END VIEW

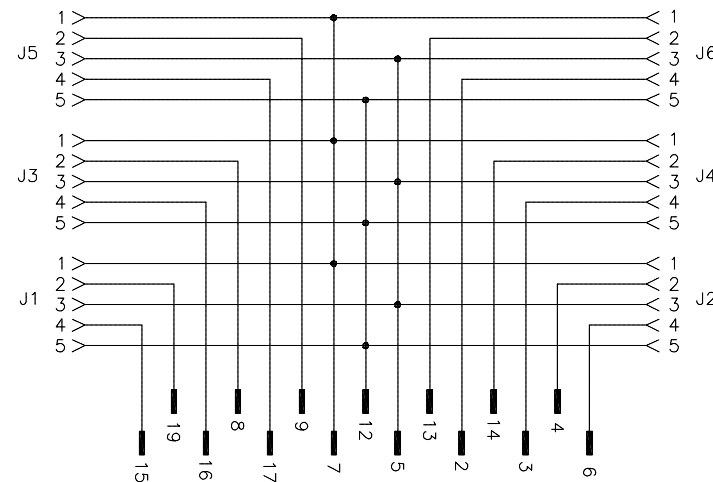


CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	22 AWG/ALUMINUM-POLYESTER FOIL
CONDUCTOR INSULATION MATERIAL	POLYPROPYLENE
OUTER JACKET MATERIAL/COLOR	TPU/BLACK (HALOGEN-FREE)
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON or TPU
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	FKM/FPM
MOLD MATERIAL/COLOR	TPU/BLACK
OPERATING VOLTAGE [V]	60 VDC
OPERATING CURRENT [A]	4.0 AMPS/SIGNAL, 12.0 AMPS TOTAL
PROTECTION CLASS	IP68, IP69K: ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +105°C (-40°F to +221°F)

WIRING DIAGRAM



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK		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	NF	DATE	01/18/18			DESCRIPTION	
SEE SPECIFICATIONS		APVD	C.K.	SCALE	1=2.0			6MB12Z-5-*--WSM 190/S90/S1064	
FINISH		UNIT OF MEASUREMENT			IDENTIFICATION NO.				REV
SEE SPECIFICATIONS		CONTACT TURCK FOR MORE INFORMATION			MILLIMETER [INCH]				C
		DO NOT SCALE THIS DRAWING			FILE: 777041003				SHEET 1 OF 1

C	UPDATE CABLE BEING USED	RDS	07/23/19	500000000265
REV	DESCRIPTION	BY	DATE	ECO NO.