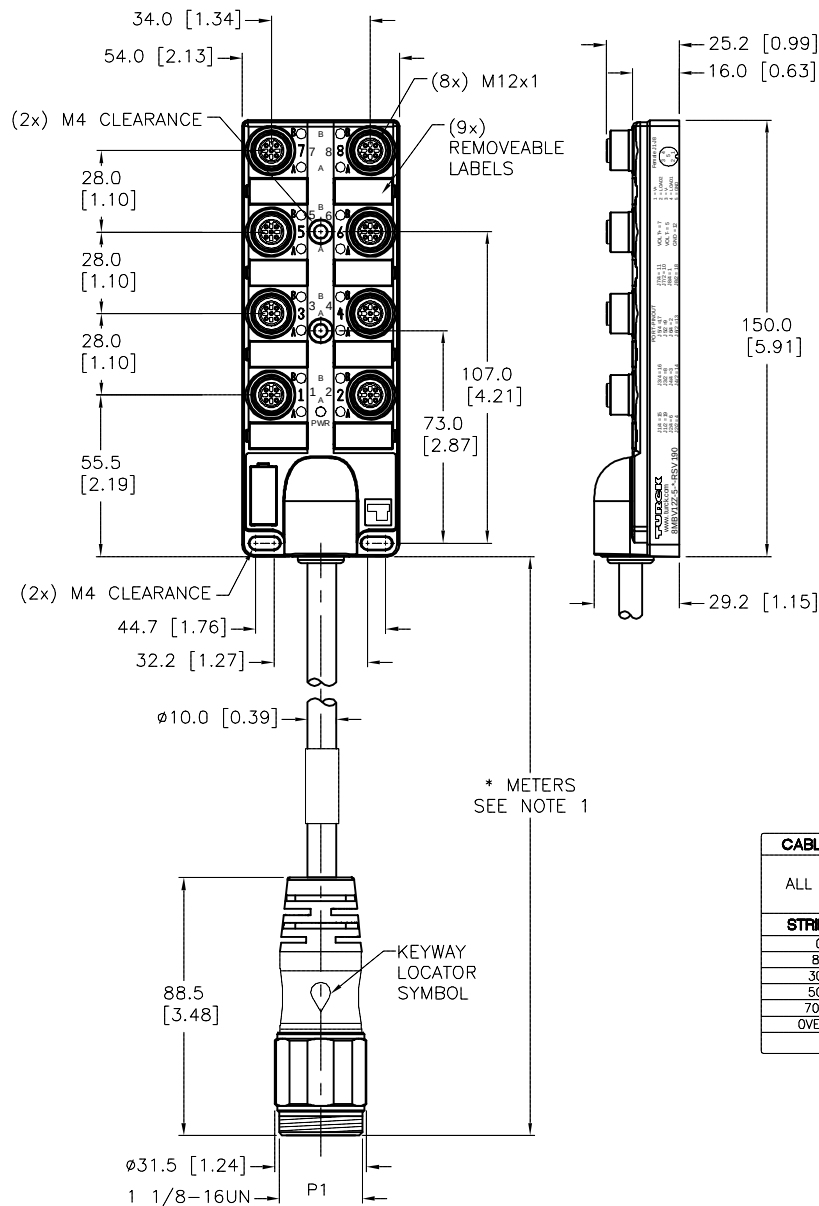
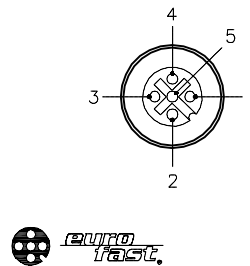




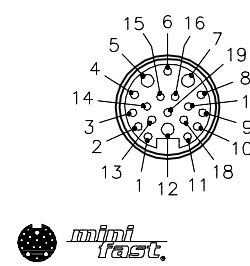
NOTES:

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

FEMALE END VIEW



MALE END VIEW



SPECIFICATIONS

CONTACT CARRIER MATERIAL (P1)	TPU
MOLDED HEAD MAT'L/COLOR (P1)	TPU/YELLOW
CONTACT MATERIAL/PLATING (P1)	BRASS/GOLD
COUPLING NUT MAT'L/FINISH (P1)	STAINLESS STEEL/PASSIVATED
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
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	20 AWG/ALUMINUM-POLYESTER FOIL
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)

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		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		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT RDS		DATE 04/04/19		DESCRIPTION 8MBV12Z-5-*--RSV 190	
SEE SPECIFICATIONS		CONTACT TURCK FOR MORE INFORMATION		APVD T.V.		SCALE 1=2.7			
FINISH				UNIT OF MEASUREMENT MILLIMETER [INCH]					
SEE SPECIFICATIONS									
				DO NOT SCALE THIS DRAWING				IDENTIFICATION NO.	
						FILE: 777043136		SHEET 1 OF 2	

A	DRAWING RELEASE	RDS	04/17/19	
REV	DESCRIPTION	BY	DATE	ECO NO.