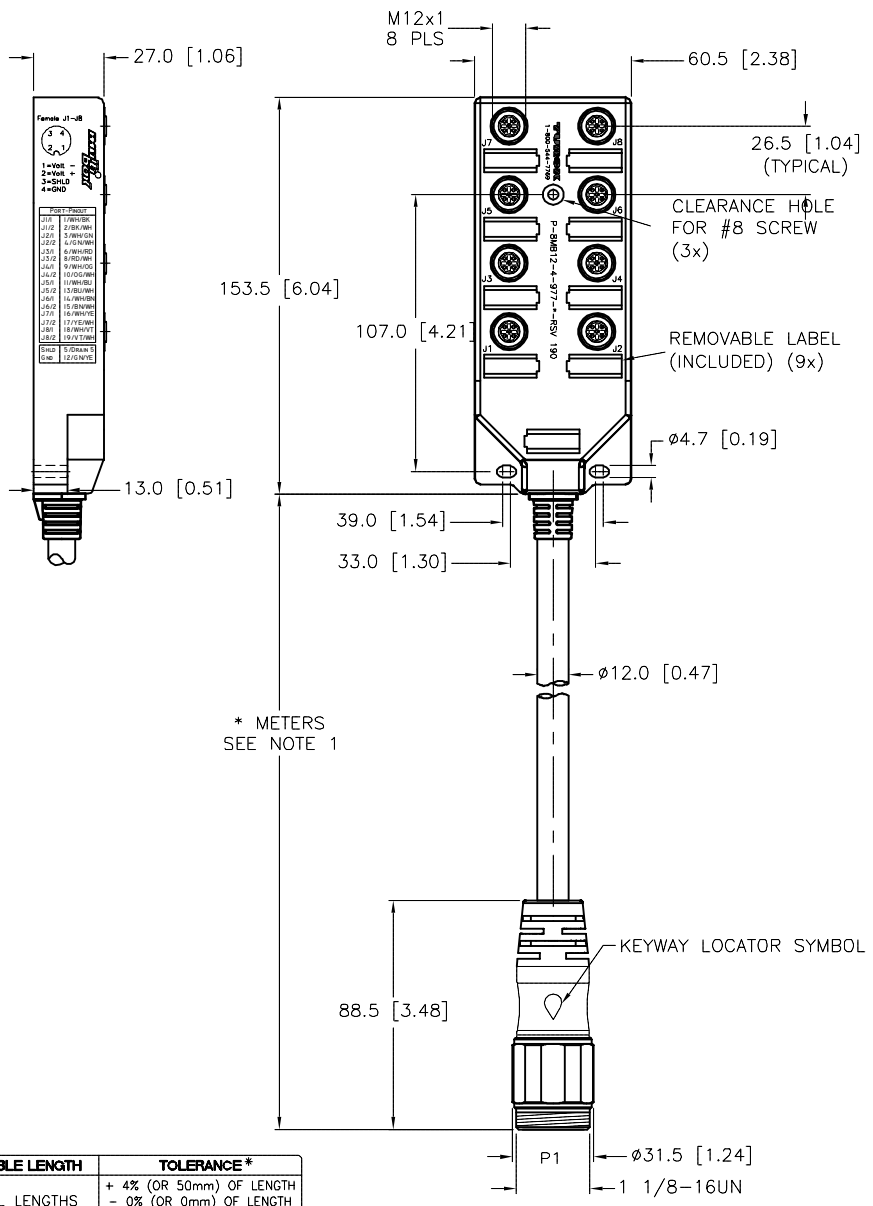


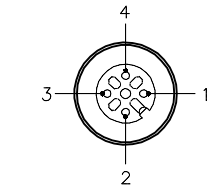
CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	**TOLERANCE ***
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

CLOSURE CAPS
(2 INCLUDED)

NOTES:

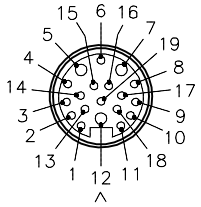
1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

FEMALE END VIEW



1 = V-
2 = V+
3 = SHD
4 = GND

MALE END VIEW



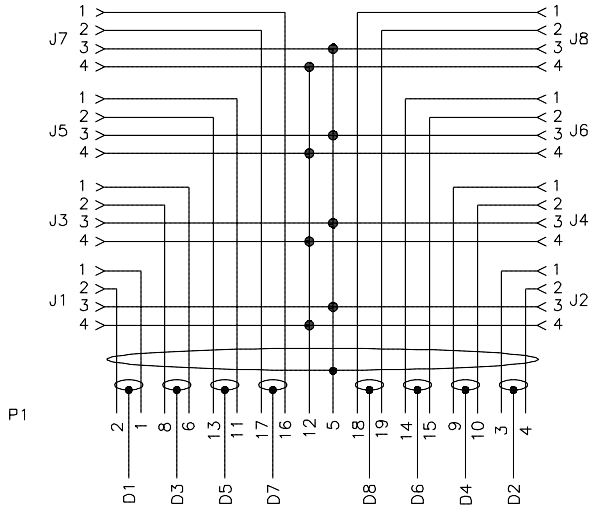
(LONG)

1 = WHITE/BLACK
2 = BLACK/WHITE
3 = WHITE/GREEN
4 = GREEN/WHITE
5 = DRAIN
6 = WHITE/RED
7 = N/C
8 = RED/WHITE
9 = WHITE/ORANGE
10 = ORANGE WHITE
11 = WHITE/BLUE
12 = GREEN/YELLOW
13 = BLUE/WHITE
14 = WHITE/BROWN
15 = BROWN/WHITE
16 = WHITE/YELLOW
17 = YELLOW/WHITE
18 = WHITE/VIOLET
19 = VIOLET/WHITE

SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	16x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	9x22 AWG DRAINS/ALUMINUM FOIL SHIELDED
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	PVC/BLUE
CONDUCTOR ARRANGEMENT	8 STP W/DRAIN, 1 GND, 1 DRN
CABLE RATINGS	UL: ITC/PLTC/AWM, 105°C, 300 V CSA: CMG/AWM, 105°C, 300 V
HOUSING/COLOR	NYLON/BLACK
RECEPTACLE/PLATING	BRASS/NICKEL
CONTACT CARRIERS	NYLON (J1-J8), TPU (P1)
CONTACTS/PLATING	BRASS/GOLD
SEALING RING	FKM/FPM
MOLDED HEAD MATERIAL/PLATING	TPU/BLACK (P1)
COUPLING NUT MATERIAL/FINISH	STAINLESS STEEL/PASSIVATED (P1)
RATED CURRENT [A]	4.0 A (PINS 5,7,12), 2.0 A (ALL OTHERS) (P1)
OPERATING VOLTAGE	10-48 VDC
OPERATING CURRENT	4.0 AMPS PER PORT, 9.0 AMPS TOTAL
PROTECTION CLASS to DIN 40050	IP 67 - ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-30°C to +80°C (-25°F to +176°F)

WIRING DIAGRAM



SOURCE DRAWING - FOR REFERENCE ONLY

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	NF	02/05/20	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

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CONTACT TURCK FOR MORE INFORMATION

DRFT: ER | DATE: 12/19/19
APVD: T.S. | SCALE: 1=3.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION: P-8MB12-4-977-*-RSV 190

IDENTIFICATION NO.:

REV: A

FILE: 777044009

SHEET 1 OF 1

Approved 01/28/2020, work order #206687 by T.S.