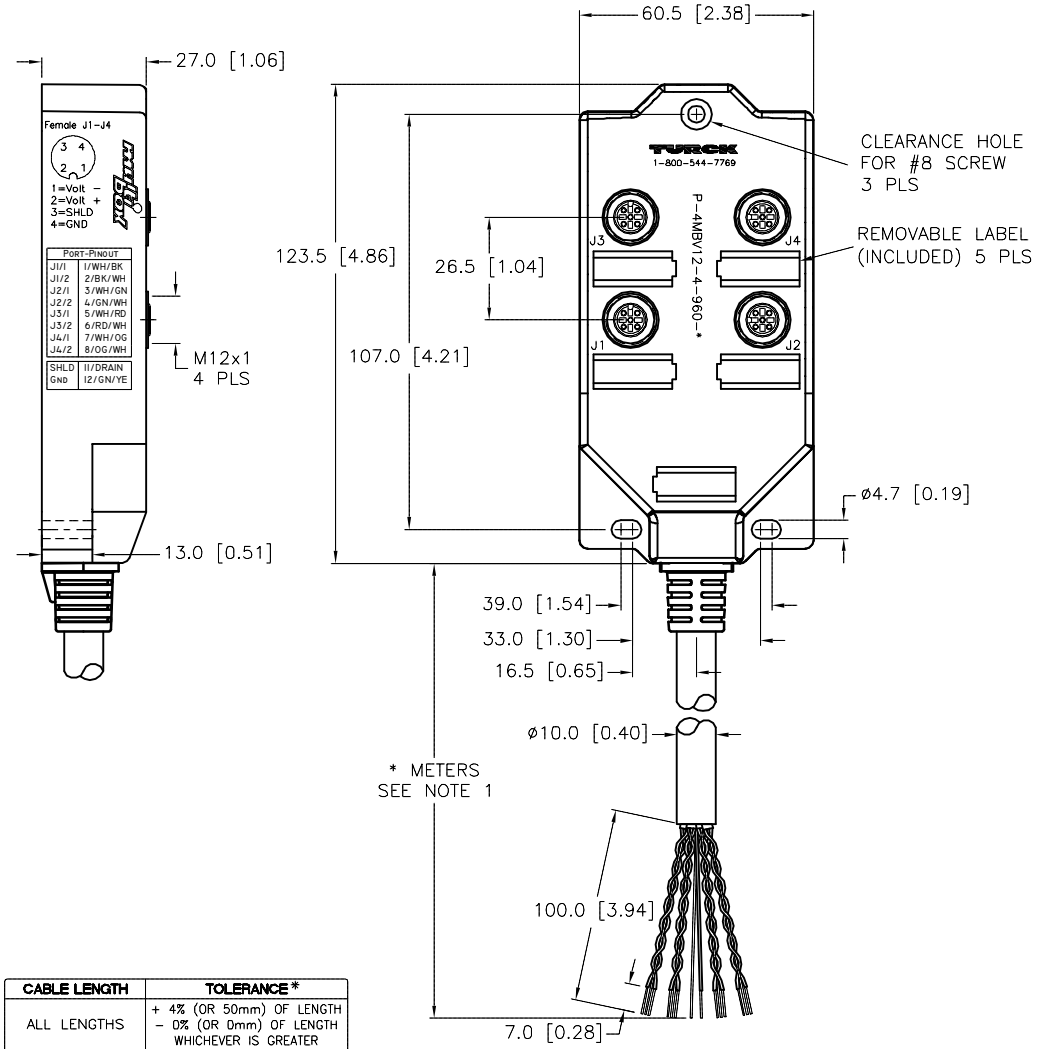


CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	**TOLERANCE ***
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
*** UNLESS OTHERWISE SPECIFIED**	

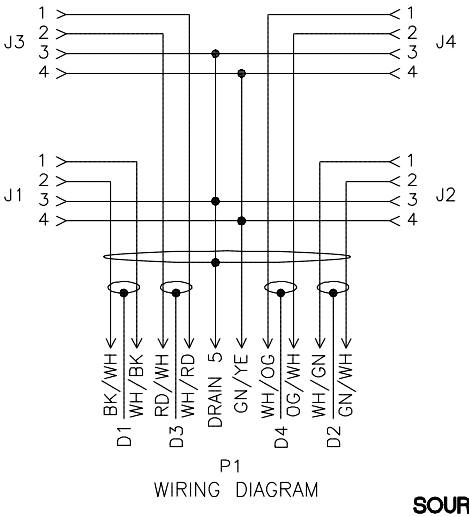
CLOSURE CAPS
(2 INCLUDED)

NOTES:

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

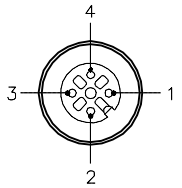
SPECIFICATIONS

CABLE DATA	
NUMBER OF CONDUCTORS [AWG]	8x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	5x22 AWG DRAINS/ALUMINUM FOIL SHIELDED
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	PVC/PLUM
CONDUCTOR ARRANGEMENT	4 STP W/DRAIN, 1 GND, 1 DRN
CABLE RATINGS	UL: ITC/PLTC/AWM, 105°C, 300 V CSA: CMG/AWM, 105°C, 300 V
MATERIAL	
HOUSING/COLOR	NYLON/BLACK
RECEPTACLE/FINISH	STAINLESS STEEL/PASSIVATED
CONTACT CARRIERS/COLOR	NYLON/BLACK
CONTACTS/PLATING	BRASS/GOLD
SEALING RING	FKM/FPM
ELECTRICAL DATA	
OPERATING VOLTAGE	10-48 VDC
OPERATING CURRENT	4.0 AMPS PER PORT, 9.0 AMPS TOTAL
SPACINGS	to VDE 0110 GROUP C
MECHANICAL DATA	
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)



P1
WIRING DIAGRAM

FEMALE END VIEW



1 = - VOLTAGE
2 = + VOLTAGE
3 = SHIELD
4 = GROUND

(J1-J4)

SOURCE DRAWING - FOR REFERENCE ONLY

REV	DESCRIPTION	BY	DATE	ECO NO.
E	UPDATED SEALING RING MATERIAL PER ECO	TV	08/11/16	56141

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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(763) 553-7300
(763) 553-0708 fax
www.turck.us

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: JBJ | DATE: 05/09/03
APVD: GC | SCALE: 1=2

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

DESCRIPTION: P-4MBV12-4-960-*

IDENTIFICATION NO.:

REV: E

FILE: 777001968

SHEET 1 OF 1