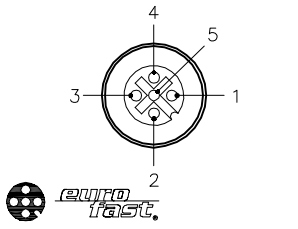
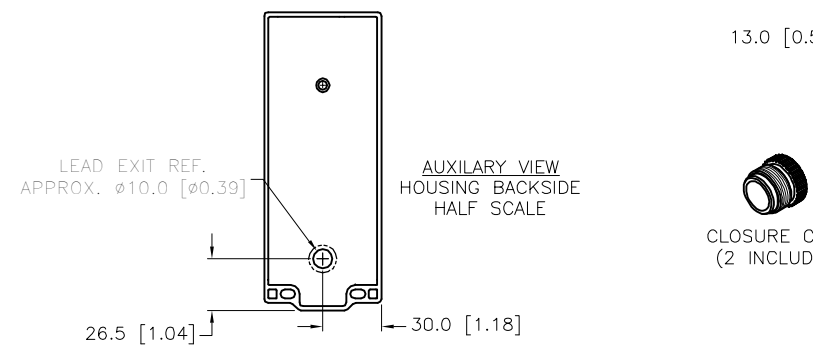
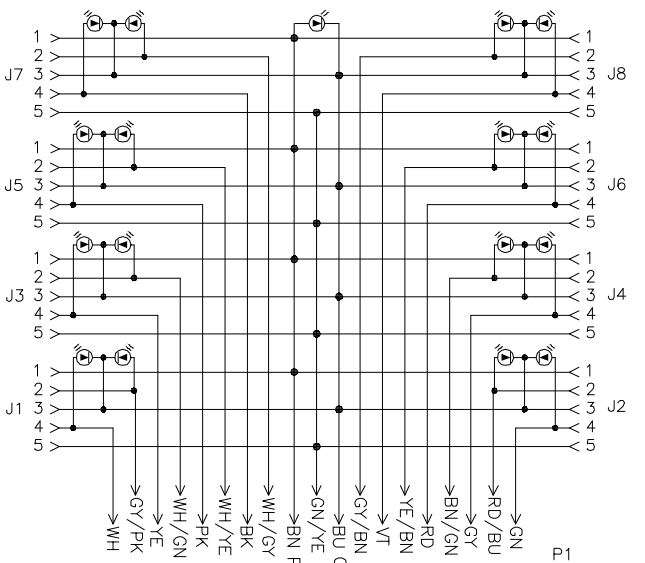
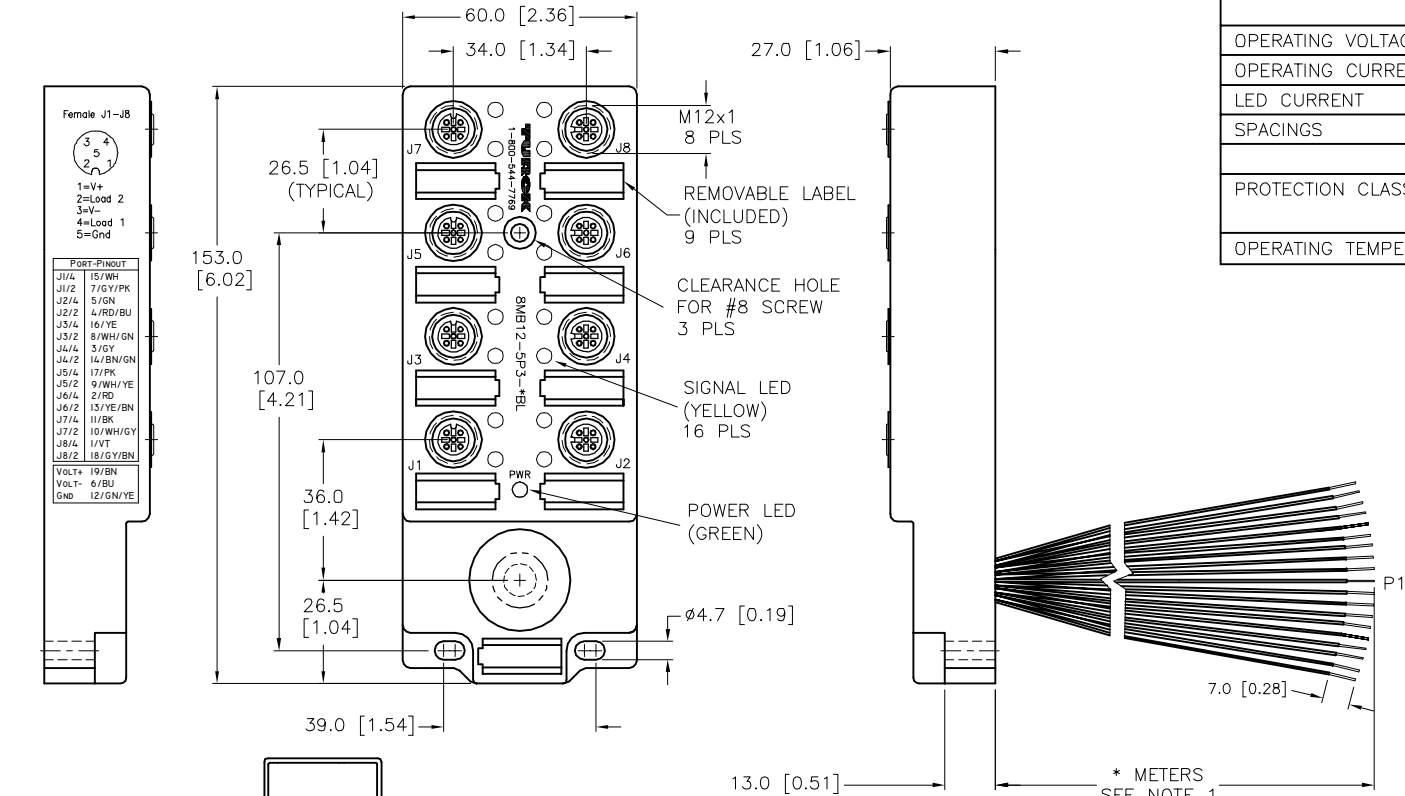


FEMALE END VIEW (J1-J8)



WIRE 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

SPECIFICATIONS	
CABLE DATA	
NUMBER OF CONDUCTORS [AWG]	3x18 AWG/16x22 AWG
CONDUCTOR INSULATION MATERIAL	PVC
MATERIAL	
HOUSING/COLOR	NYLON/BLACK
RECEPTACLE/PLATING	BRASS/NICKEL
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
LED CURRENT	12mA MAX AT 48VDC SUPPLY VOLTAGE(PER LED)
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)



NOTES:

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

E	UPDATE PHONE NUMBER	KB	06/03/26	500000012610
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS

- 1.
- 2.
- 3.
- 4.

3RD ANGLE PROJECTION

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DRFT PJ

APVD

DATE 02/21/05

SCALE 1=2

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

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TURCK INC
High Technology Sensors and Automation Controls

DESCRIPTION
8MB12-5P3-*BL

IDENTIFICATION NO.

REV
E

FILE: 777014262

SHEET 1 OF 1

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION