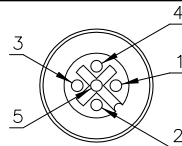


CONNECTORS J1-J8



- 1 = VOLT (+)
- 2 = SIGNAL 2
- 3 = VOLT (-)
- 4 = SIGNAL 1
- 5 = GROUND



SPECIFICATIONS

CABLE DATA

JACKET MATERIAL/COLOR	PVC/YELLOW
NUMBER OF CONDUCTORS [AWG]	3X18 AWG, 16X22 AWG
DRAIN/SHIELD	20 AWG/POLYESTER FOIL SHIELD

MATERIAL

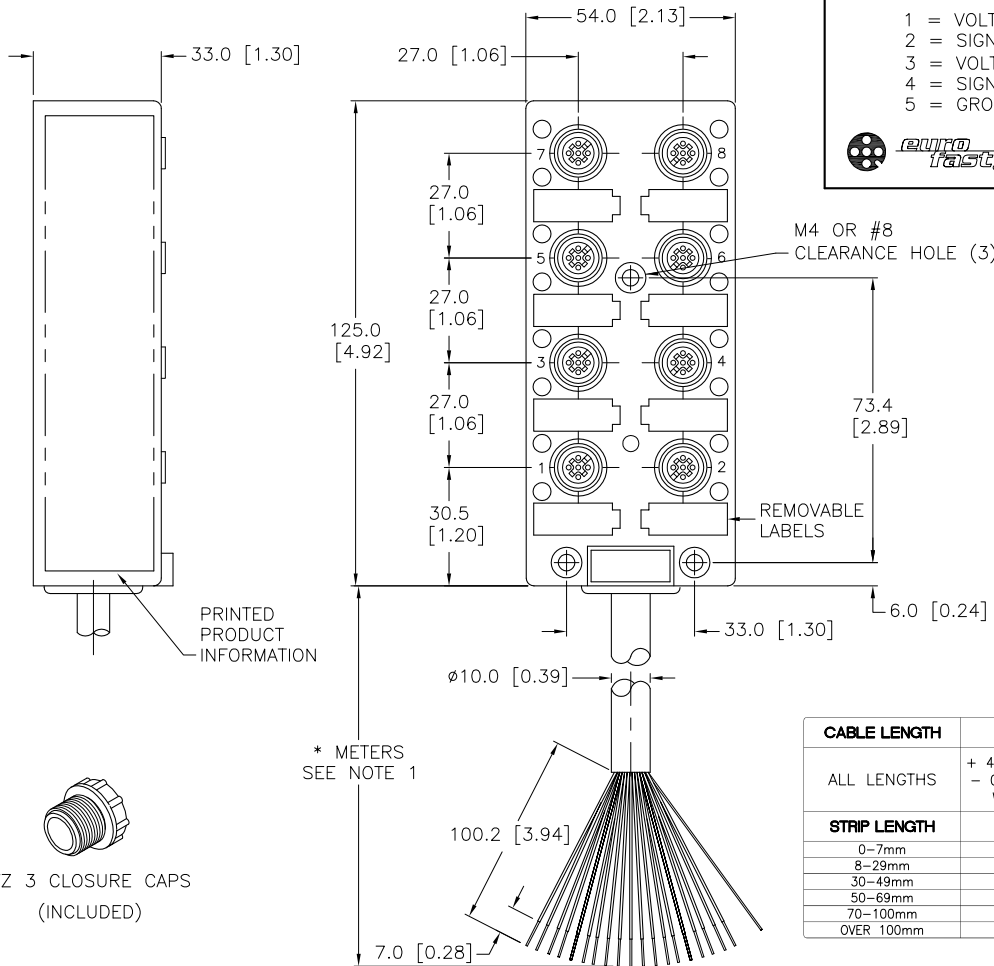
HOUSING	NYLON/YELLOW
CONTACT CARRIERS	NYLON OR TPU
CONTACTS	GOLD-PLATED BRASS
SEALING O-RING	VITON O-RING
DISCONNECT	NICKEL-PLATED BRASS

ELECTRICAL DATA

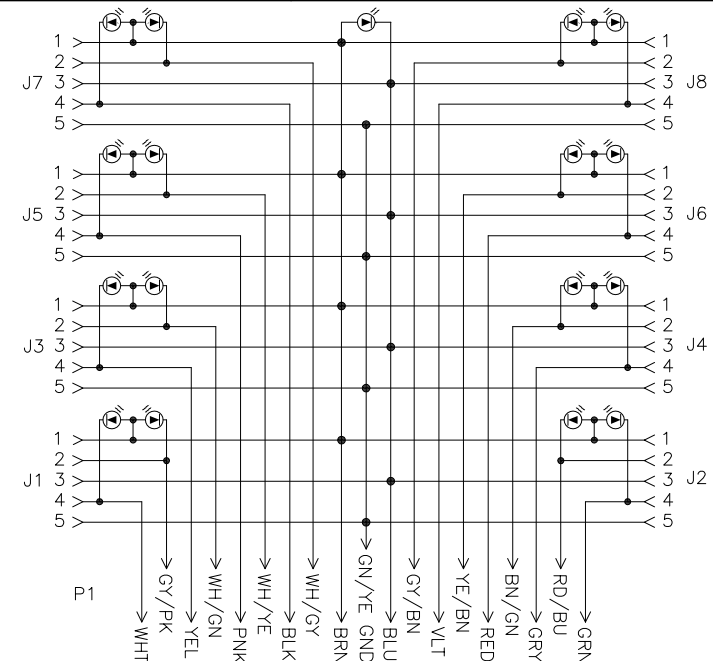
OPERATING VOLTAGE	10-30 VDC
MAXIMUM CURRENT	3 AMPS PER PORT, 8 AMPS TOTAL

MECHANICAL DATA

PROTECTION CLASS	IP 67 ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +105°C (-40°F to +221°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



WIRING DIAGRAM

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
			DRFT RDS	DATE 09/01/09
MATERIAL	SEE SPECIFICATIONS	APVD	SCALE 1=2	VB 80.5-N7X17-*
FINISH	SEE SPECIFICATIONS	UNIT OF MEASUREMENT MILLIMETER [INCH]		IDENTIFICATION NO.
CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		REV C
C UPDATE CABLE DIAMETER		KMY 10/28/11 36150		FILE: 777000459
REV	DESCRIPTION	BY	DATE	ECO NO.

VZ 3 CLOSURE CAPS (INCLUDED)

* METERS SEE NOTE 1

C	UPDATE CABLE DIAMETER	KMY	10/28/11	36150
REV	DESCRIPTION	BY	DATE	ECO NO.