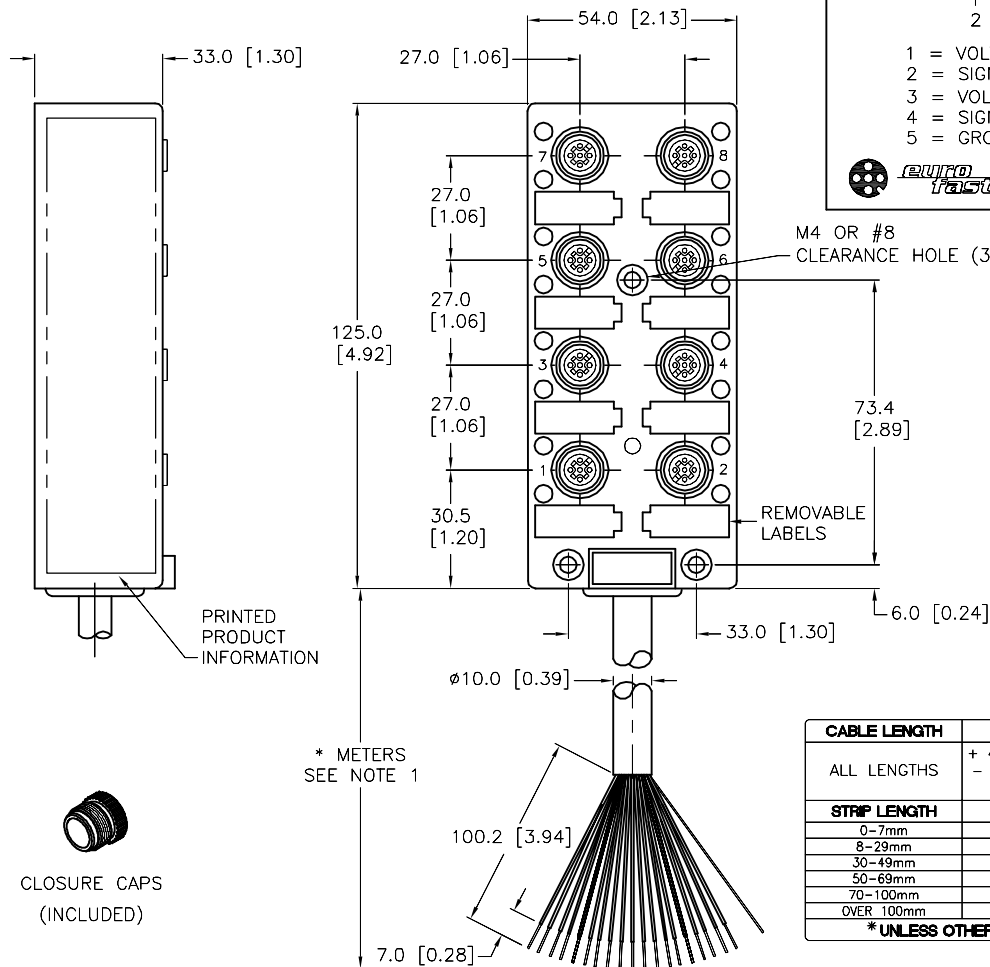
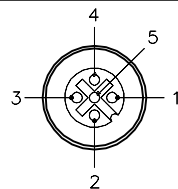




CONNECTORS J1-J8



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

SPECIFICATIONS

CABLE DATA

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

MATERIAL

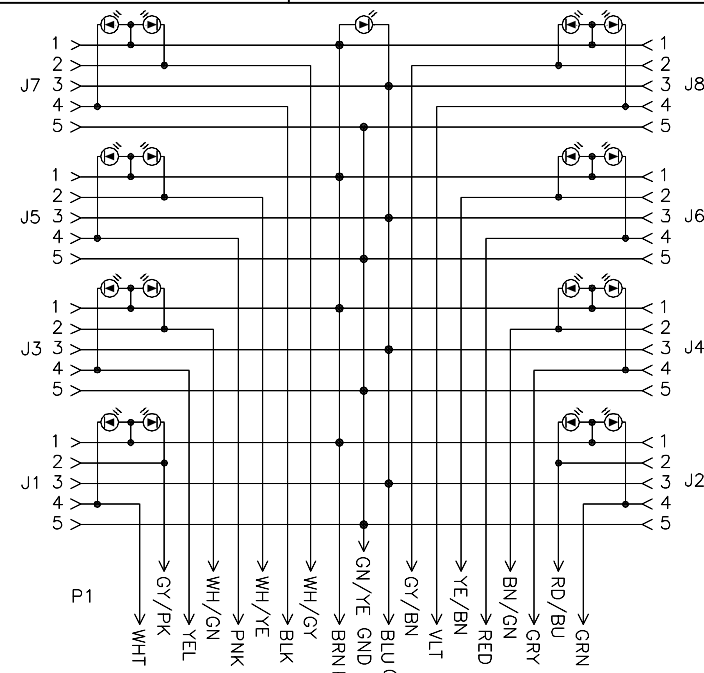
HOUSING	NYLON/YELLOW
CONTACT CARRIERS	NYLON OR TPU
CONTACTS/PLATING	BRASS/GOLD
SEALING O-RING	FKM/FPM
DISCONNECT/PLATING	NICKEL/BRASS

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)	



WIRING DIAGRAM

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

RELATED DOCUMENTS

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

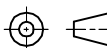
MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION



ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT

RDS

DATE 09/01/09

APVD

SCALE

1=2

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

TURCK

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

DESCRIPTION

VB 80.5-N7X17-*

IDENTIFICATION NO.

FILE: 777000459

REV

E

SHEET 1 OF 1

E	UPDATED SEALING RING MATERIAL PER ECO	TV	08/10/16	56141
REV	DESCRIPTION	BY	DATE	ECO NO.