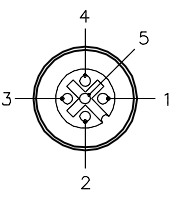
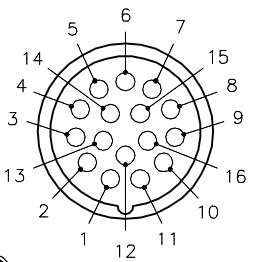


FEMALE END VIEW



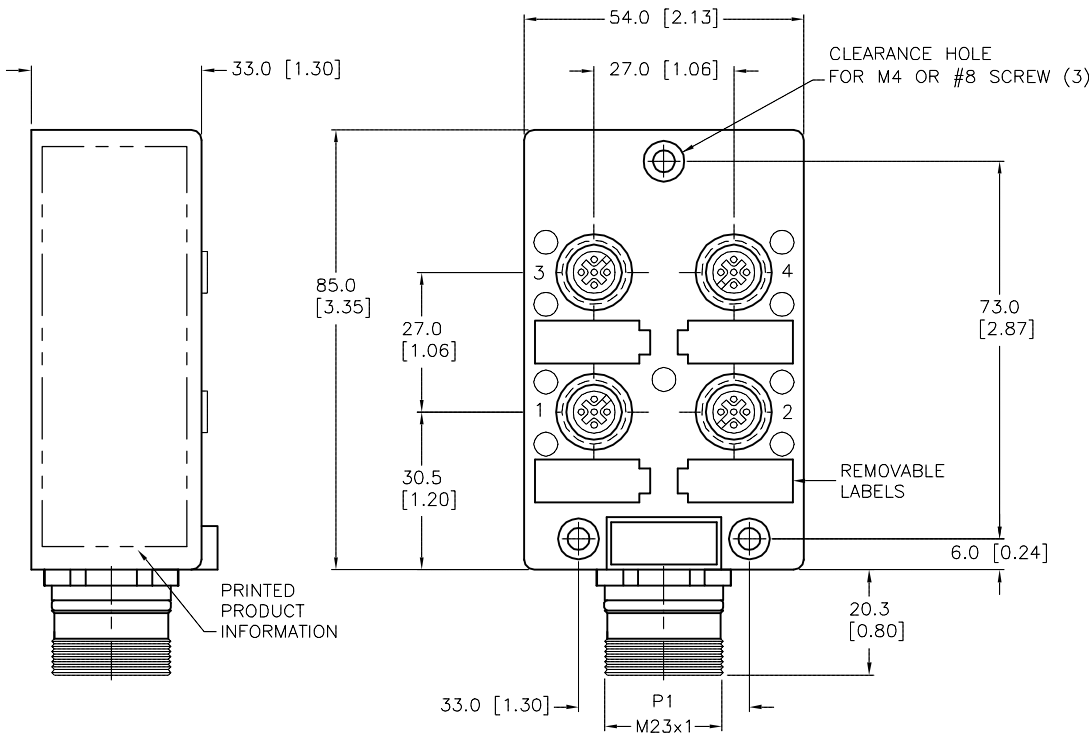


MALE END VIEW



 M23 connector

SPECIFICATIONS	
HOUSING MATERIAL/COLOR	NYLON/YELLOW
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIER MATERIAL/COLOR	NYLON OR TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
SEALING RING	VITON O-RING
OPERATING VOLTAGE	10-48 VDC
OPERATING CURRENT	4.0 AMPS PER PORT, 7.0 AMPS PER SUPPLY
PROTECTION CLASS to DIN 40050	IP 67 - ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-30°C to +105°C (-25°F to +221°F)

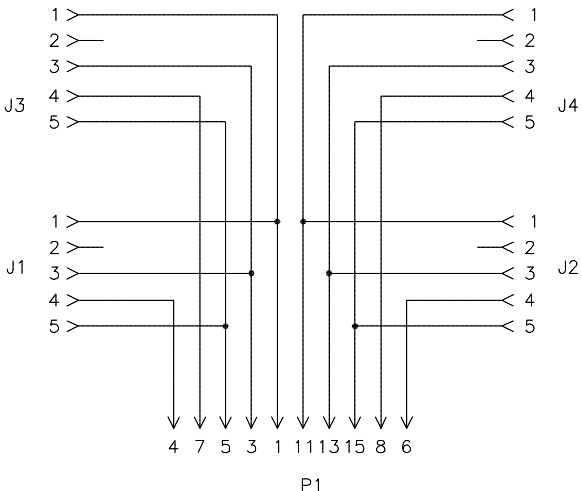


Dimensions (mm [inches]):

- Overall width: 54.0 [2.13]
- Pin spacing (horizontal): 27.0 [1.06]
- Pin spacing (vertical): 27.0 [1.06]
- Mounting hole diameter: 6.0 [0.24]
- Mounting hole offset: 20.3 [0.80]
- Overall height: 85.0 [3.35]
- Pin 1 offset: 30.5 [1.20]
- Pin 16 offset: 73.0 [2.87]
- Pin 1 offset (bottom): 33.0 [1.30]
- Pin 16 offset (bottom): 33.0 [1.30]
- Pin 1 offset (bottom): 33.0 [1.30]

Labels: CLEARANCE HOLE FOR M4 OR #8 SCREW (3), REMOVABLE LABELS, PRINTED PRODUCT INFORMATION, P1 M23x1

WIRING DIAGRAM



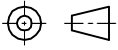
Connections:

- J1: 1 to 1, 2 to 2, 3 to 3, 4 to 4, 5 to 5
- J3: 1 to 1, 2 to 2, 3 to 3, 4 to 4, 5 to 5
- J4: 1 to 1, 2 to 2, 3 to 3, 4 to 4, 5 to 5
- P1: 1 to 1, 2 to 2, 3 to 3, 4 to 4, 5 to 5, 6 to 6, 7 to 7, 8 to 8, 11 to 11, 13 to 13, 15 to 15

SOURCE DRAWING - FOR REFERENCE ONLY



CLOSURE CAPS
(2 INCLUDED)

RELATED DOCUMENTS	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	
1.		DRFT	RDS	DATE	08/11/10
2.		APVD		SCALE	1=1.5
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		MILLIMETER [INCH]		VB 2X20-CS16	
MATERIAL	SEE SPECIFICATIONS	CONTACT TURCK FOR MORE INFORMATION		IDENTIFICATION NO.	
FINISH	SEE SPECIFICATIONS			U0173-23	
		DO NOT SCALE THIS DRAWING		REV	
				C	
				FILE: U0173-23	
				SHEET 1 OF 1	