

MALE END VIEW

M23 connector (P1)

FEMALE END VIEW

(J1-J6)

SPECIFICATIONS	
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	VITON (J1-J6), NBR (P1)
OPERATING VOLTAGE	10-30 VDC
OPERATING CURRENT	2.0 AMPS PER SIGNAL, 9.0 AMPS TOTAL
PROTECTION CLASS	IP67, IP69K: ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)

(2x) M4 CLEARANCE

34.0 [1.34]

28.0 [1.10]

28.0 [1.10]

55.5 [2.19]

107.0 [4.21]

73.0 [2.87]

32.2 [1.27]

44.7 [1.76]

54.0 [2.13]

(6x) M12x1

(7x) REMOVABLE LABELS

O-RING

M23x1

25.2 [0.99]

16.0 [0.63]

125.1 [4.92]

34.9 [1.37]

WIRING DIAGRAM

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.

DRFT

TR

APVD

K.H.

DATE

08/29/12

SCALE

1=1.5

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

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

DESCRIPTION

6MB12Z-5P3-CS19

IDENTIFICATION NO.

U2-19916

REV

F

F

ADD CE-UKCA MARK TO CLICHE

RDS

09/09/22

500000006820

REV

DESCRIPTION

BY

DATE

ECO NO.

CONTACT TURCK FOR MORE INFORMATION

SOURCE DRAWING - FOR REFERENCE ONLY