

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	250 VDC
OPERATING CURRENT	4.0 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
(6x) M12x1
(7x) REMOVABLE LABELS
O-RING
M23x1

25.2 [0.99]
16.0 [0.63]
125.0 [4.92]
34.9 [1.37]

WIRING DIAGRAM

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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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-4-CS12

IDENTIFICATION NO.

U2-19912

REV

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ADD CE-UKCA MARK TO CLICHE

RDS

09/09/22

500000006820

REV

DESCRIPTION

BY

DATE

ECO NO.