

FEMALE END VIEW

1 = BLUE
2 = BLUE
3 = BLUE
4 = BLUE
5 = BLUE
6 = BLUE
7 = BLUE
8 = BLUE
9 = BLUE
10 = WHITE/BLUE
11 = BLUE
12 = BLUE
13 = BLUE
14 = WHITE/BLUE
15 = BLUE
16 = BLUE

M23 connector

PANEL CUTOUT (TYP.)

BASIC THRU

NON-ROTATIONAL THRU

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	NYLON or PBT/WHITE
CONTACT MATERIAL/PLATING	BRASS/GOLD
CONNECTOR HOUSING MATERIAL/PLATING	BRASS/NICKEL
O-RING/GASKET MATERIAL	RUBBER (NITRILE or FPM)
RATED CURRENT [A]	3.0 A
RATED VOLTAGE [V]	150 V
NUMBER OF CONDUCTORS [AWG]	16x18 AWG
PROTECTION CLASS	IEC IP67

END VIEW
LOCKNUT NOT SHOWN FOR CLARITY

O-RING GROOVE

* METERS
SEE NOTE 1

WRAP LABELS
(SEE NOTE 4)

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

NOTES:

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

2. MAXIMUM WALL THICKNESS 6.5 [.256].

3. "/S613" DESIGNATES 18 AWG CONDUCTORS.

4. "/CS12583" DESIGNATES CUSTOM PINOUT. WRAP LABELS ON ALL SAME COLORED CONDUCTORS. WRAP LABELS NUMBERED WITH CORRESPONDING WIRE IDENTIFICATION NUMBERS. ("1" EQUALS "BLUE #1).

SOURCE DRAWING - FOR REFERENCE ONLY

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 RWC

APVD

DATE 11/13/09

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

CKFD 16-16-*/S613/CS12583

IDENTIFICATION NO.

REV D

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

D	UPDATE PROTECTION CLASS	RDS	06/25/21	76852
REV	DESCRIPTION	BY	DATE	ECO NO.