

FEMALE END VIEW

1 = BROWN

2 = N/C

3 = BLUE

4 = WHITE

5 = GREEN/YELLOW

6 = ORANGE

7 = YELLOW

8 = GRAY

9 = PINK

10 = RED

11 = BROWN/WHITE

12 = N/C

13 = BLUE/WHITE

14 = N/C

15 = GREEN/WHITE

16 = N/C

M23 connector

PANEL CUTOUT (TYP.)

ø25.0+0.1

[ø0.98+.004]

BASIC THRU

11.6 [0.46]

9.3 [0.37] REF.

NON-ROTATIONAL THRU

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	NYLON or PBT/GRAY
CONTACT MATERIAL/PLATING	BRASS/GOLD
CONNECTOR HOUSING MATERIAL/PLATING	BRASS/NICKEL
O-RING/GASKET MATERIAL	RUBBER (NITRILE or FPM)
RATED CURRENT [A]	6.0 A
RATED VOLTAGE [V]	150 V
NUMBER OF CONDUCTORS [AWG]	12x18 AWG
TEMPERATURE RATING	-40°C TO +105°C (-40°F TO +105°F)
PROTECTION CLASS	IEC IP67
MAXIMUM PANEL THICKNESS	6.5 [0.256]

30.0 [1.18]

ø33.0 [1.30]

END VIEW
LOCKNUT NOT SHOWN
FOR CLARITY

O-RING
GROOVE

28.8 [1.13]

LOCKNUT

M23x1

M25x1.5

O-RING

GASKET

* METERS
SEE NOTE 1

10.0 [0.39]

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.

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

RDS

DATE 09/07/11

APVD

SCALE 1=1.0

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
CKAFD 16-12-*

IDENTIFICATION NO.
REV
B

B	UPDATE GASKET MATERIAL	ER	11/20/19	75415
REV	DESCRIPTION	BY	DATE	ECO. NO.

FILE: 777009550

SHEET 1 OF 1