

FEMALE END VIEW

1 = WHITE
2 = BLACK
3 = GREEN
4 = RED
5 = ORANGE
6 = BLUE
7 = BROWN
8 = YELLOW
9 = VIOLET
10 = GREY
11 = PINK
12 = TAN
13 = WHT/BLK
14 = WHT/GRN
15 = WHT/RED
16 = WHT/BLU

M23 connector

PANEL CUTOUT (TYPICAL)

BASIC THRU

NON-ROTATIONAL THRU

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	NYLON or PBT/GRAY
CONTACT MATERIAL/PLATING	BRASS/GOLD
CONNECTOR HOUSING MATERIAL/FINISH	STAINLESS STEEL/PASSIVATED
O-RING/GASKET MATERIAL	RUBBER (NITRILE or FPM)
RATED CURRENT [A]	3.0 A
RATED VOLTAGE [V]	300 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTOR [AWG]	16x22 AWG
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IEC IP67
MAXIMUM PANEL THICKNESS	3.5 [0.138]

24.0 [0.94]

26.0 [1.02] REF

20.3 [0.80]

6.0 [0.24]

10.0 [0.39]

M23x1

M20x1.5

O-RING

GASKET

JAM NUT

WASHER

20.3 [0.80]

6.0 [0.24]

10.0 [0.39]

20.3 [0.80]

6.0 [0.24]

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

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DRFT RDS
APVD

DATE 04/23/10
SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION
CKNFV 16-16-*

IDENTIFICATION NO.
REV C

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(612) 553-7300
(612) 553-0708 fax
www.turck.com

UPDATE GASKET MATERIAL
ER 11/20/19 75415

DESCRIPTION
BY DATE ECO NO.

CONTACT TURCK FOR MORE INFORMATION

FILE: 777009559
SHEET 1 OF 1