

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)

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]	3.0 A
RATED VOLTAGE [V]	300 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS (AWG)	16x22 AWG
TEMPERATURE RANGE	-40°C TO +105°C (-40°F TO +221°F)
PROTECTION CLASS	IEC IP67

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 10/20/09
SCALE 1=1.0

DESCRIPTION
CKNFL 16-16-*

UNIT OF MEASUREMENT
MILLIMETER [INCH]

IDENTIFICATION NO.
REV
B

DO NOT SCALE THIS DRAWING

FILE: 777009543
SHEET 1 OF 1

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

UPDATE GASKET MATERIAL

ER 11/20/19 75415

DESCRIPTION

BY DATE ECO NO.