

FEMALE END VIEW

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

M23 connector

PANEL CUTOUT (TYP.)

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 IP65

END VIEW
LOCKNUT NOT SHOWN
FOR CLARITY

O-RING
GROOVE

* METERS
SEE NOTE 1

LOCKNUT

M23x1

M25x1.5

O-RING

WRAP LABELS
(SEE NOTE 4)

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. "/CS16539" DESIGNATES NEXT GEN3 JUNE 2020 UPDATE. CODE N – M23 16 PIN – CUSTOM WIRING. REAR MOUNT RECEPTACLES TO INCLUDE LOCK NUT AND O-RING INSTALLED ON BODY.

5. WRAP LABELS ON ALL CONDUCTORS. WRAP LABELS NUMBERED WITH CORRESPONDING WIRE IDENTIFICATION NUMBERS. ("1" EQUALS "BLUE #1")

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	

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.

2.

3.

4.

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT NF

APVD D.L.

DATE 05/22/18

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

CKFD 16-16-*/S613/CS16539

IDENTIFICATION NO.

REV

C

FILE: 777041583

SHEET 1 OF 1

C	CONDUCTOR COLOR CHANGE AND CS16539 UPDATE	ER	07/14/20	500000001633
REV	DESCRIPTION	BY	DATE	ECO. NO.