

FEMALE END VIEW

1 = WHITE/BLACK

2 = BLACK

3 = WHITE

4 = RED

5 = ORANGE

6 = BLUE

7 = GRN/YEL

M23 connector

PANEL CUTOUT (TYPICAL)

REF. KEYWAY TO FLAT

8.7 [0.34] REF.

9.0 [0.35]

$\phi 20.0 + 0.1$   
[ $\phi 0.79 + .004$ ]

BASIC THRU

NON-ROTATIONAL THRU

SPECIFICATIONS

|                                    |                                   |
|------------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL/COLOR     | NYLON or PBT/GRAY                 |
| CONTACT MATERIAL/PLATING           | BRASS/GOLD                        |
| CONNECTOR HOUSING MATERIAL/PLATING | BRASS/NICKEL                      |
| GASKET MATERIAL                    | RUBBER (NITRILE OR FPM)           |
| MANUFACTURER RATED CURRENT [A]     | 20 A                              |
| UL RATED CURRENT [A]               | 14 A                              |
| RATED VOLTAGE [V]                  | 300 V                             |
| CONDUCTOR INSULATION MATERIAL      | PVC                               |
| NUMBER OF CONDUCTORS [AWG]         | 7x14 AWG                          |
| TEMPERATURE RANGE                  | -40°C TO +105°C (-40°F TO +221°F) |
| PROTECTION CLASS                   | IEC IP67                          |
| MAXIMUM PANEL THICKNESS            | 2.0 [0.079"]                      |

$\phi 26.0$  [1.02] REF

M23X1

20.3 [0.80]

6.0 [0.24]

M20x1.5

GASKET

WASHER

JAM NUT

10.0 [0.39]

| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>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 |                                                                             |

CAUTION:

RISK OF ELECTRICAL SHOCK

DO NOT DISCONNECT UNDER LOAD

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

|     |                             |    |          |          |
|-----|-----------------------------|----|----------|----------|
| L   | UPDATE GASKET MATERIAL SPEC | TR | 11/08/19 | 75405    |
| REV | DESCRIPTION                 | BY | DATE     | ECO. NO. |

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 JBJ

DATE 12/08/03

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

CKF 74-7-\*

IDENTIFICATION NO.

REV

L

FILE: 777002859

SHEET 1 OF 1