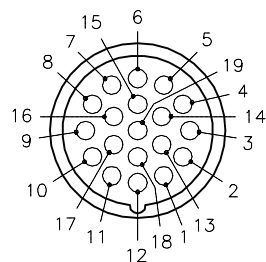


FEMALE END VIEW

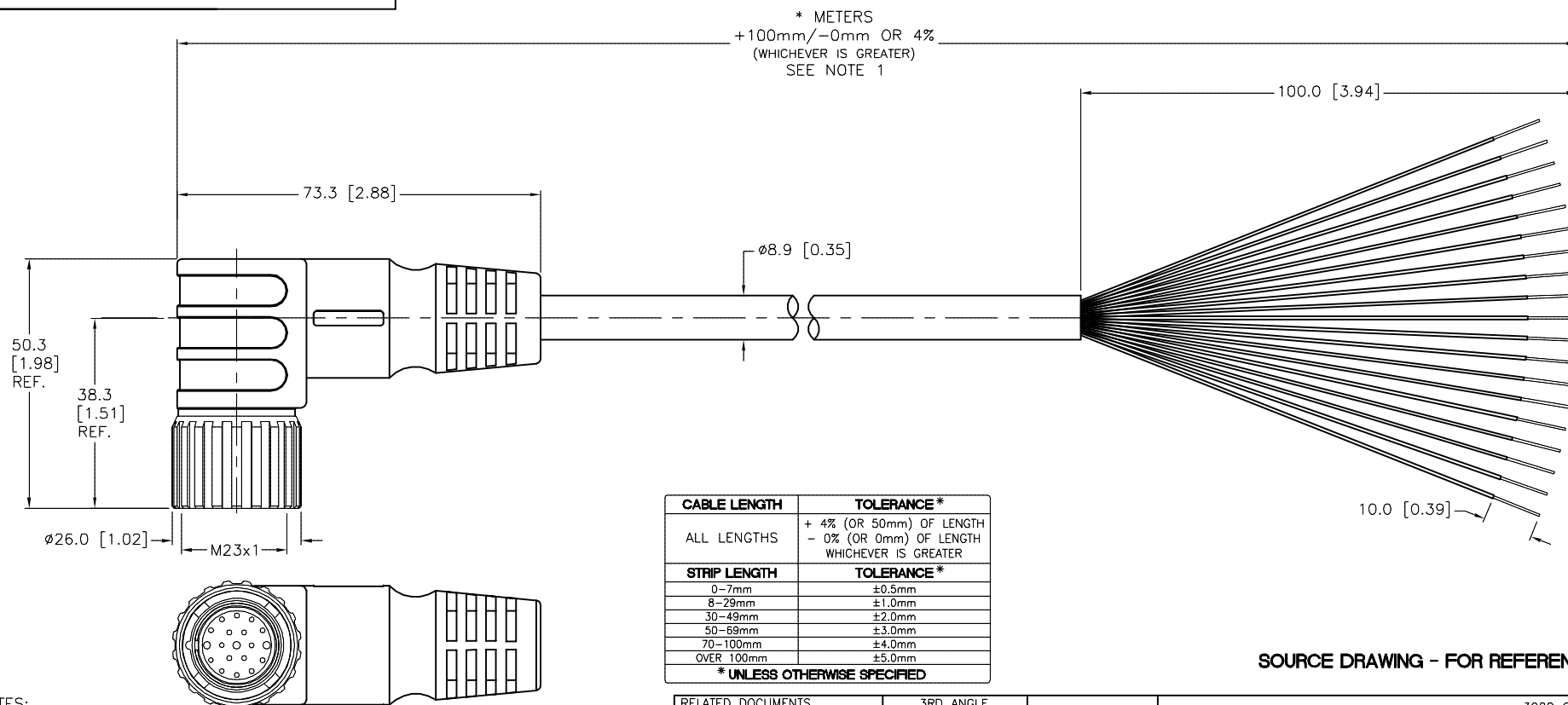


1 = VIOLET
 2 = RED
 3 = GRAY
 4 = RED/BLUE
 5 = GREEN
 6 = BLUE
 7 = GRAY/PINK
 8 = WHITE/GREEN
 9 = WHITE/YELLOW
 10 = WHITE/GRAY
 11 = BLACK
 12 = GREEN/YELLOW
 13 = YELLOW/BROWN
 14 = BROWN/GREEN
 15 = WHITE
 16 = YELLOW
 17 = PINK
 18 = GRAY/BROWN
 19 = BROWN

 M23 connector

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON or PBT
MOLDED HEAD MATERIAL/COLOR	TPU/BLUE-GRAY
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	9.0 A(PINS 6,12,19), 2.0 A(ALL OTHERS)
RATED VOLTAGE [V]	150 V
OUTER JACKET MATERIAL/COLOR	TPU/BLACK (HALOGEN-FREE)
CONDUCTOR INSULATION MATERIAL	POLYPROPYLENE
NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	IEC IP67

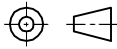


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

- "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
- "/S90" DESIGNATES THERMOPLASTIC POLYURETHANE (TPU) CABLE.
- "/S1064" DESIGNATES HALOGEN FREE CABLE.
- "/S679" DESIGNATES BLUE-GRAY MOLDING MATERIAL.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1. 2. 3. 4.							
MATERIAL		DRFT NF		DATE 09/06/16		DESCRIPTION	
SEE SPECIFICATIONS		APVD T.S.		SCALE 1=1.3		CKWM 19-19-*/S90/S679/S1064	
FINISH		UNIT OF MEASUREMENT MILLIMETER [INCH] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.		REV	
SEE SPECIFICATIONS						A	
				FILE: 777038262		SHEET 1 OF 1	

A	DRAWING RELEASE	NF	09/20/16	
REV	DESCRIPTION	BY	DATE	ECO NO.