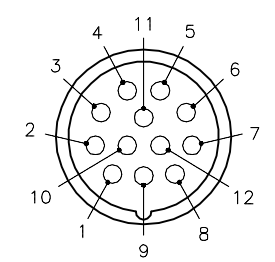
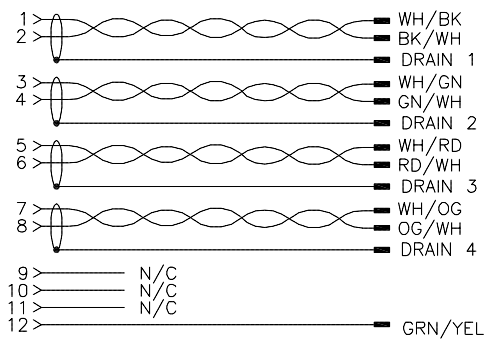
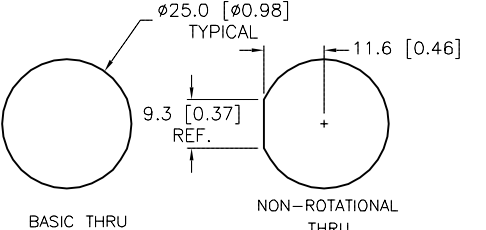
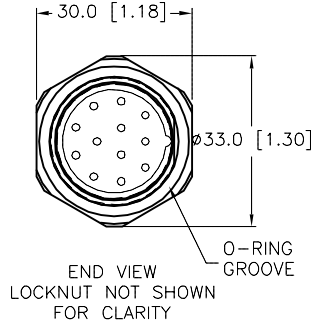
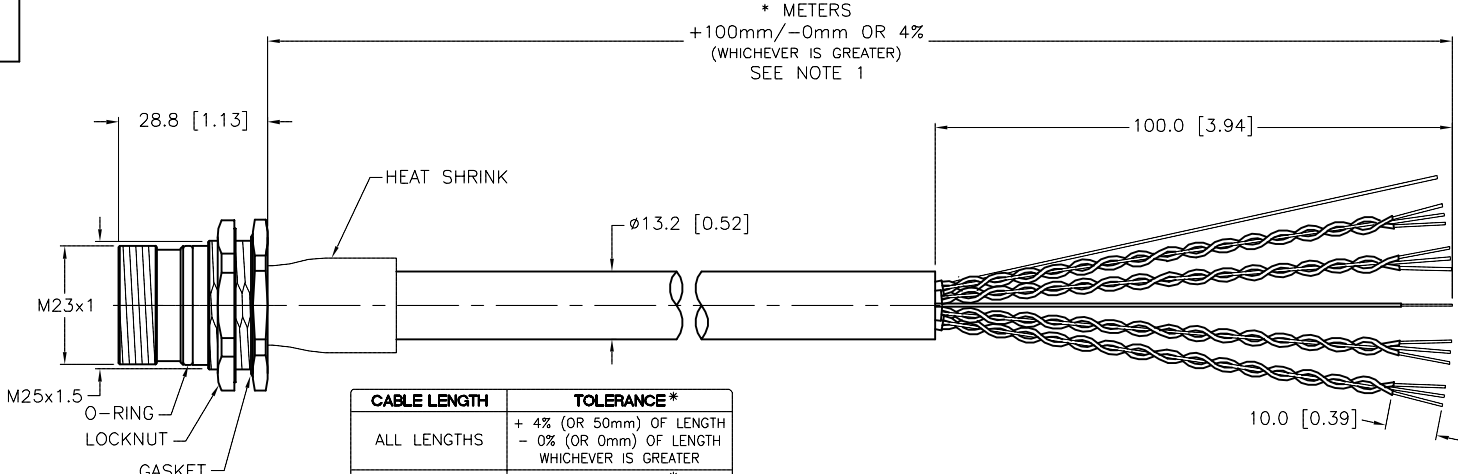
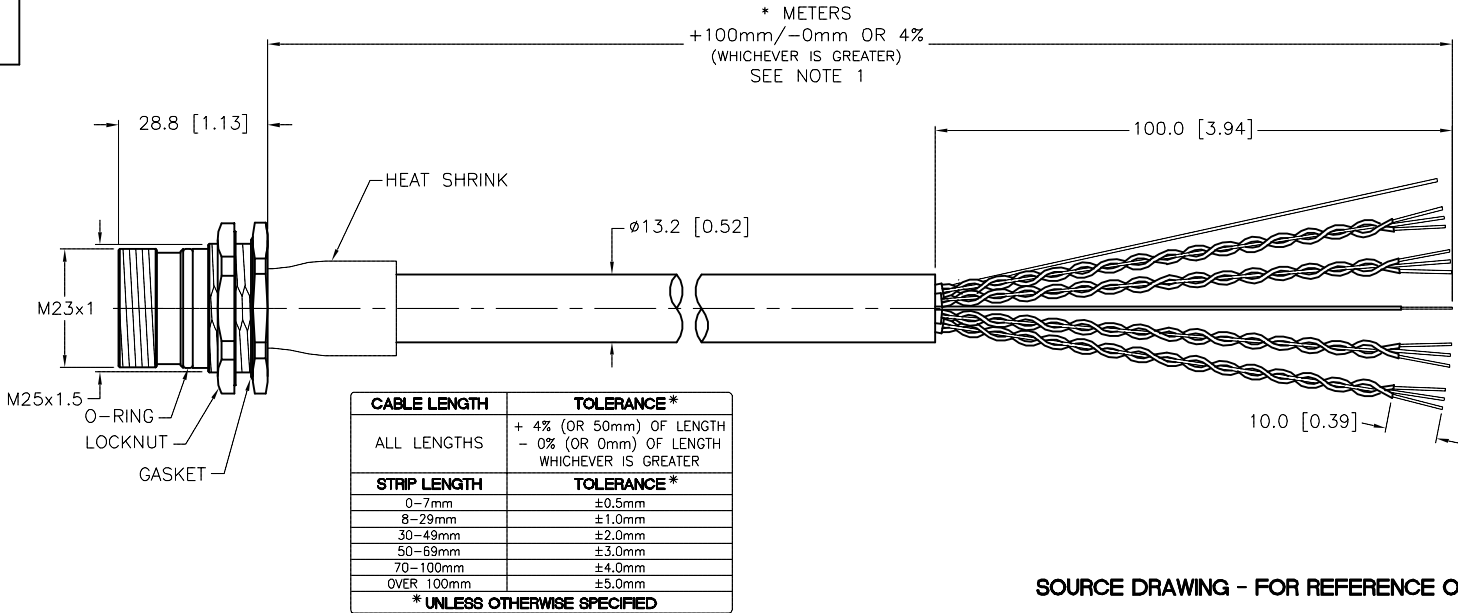


MALE END VIEW	WIRING DIAGRAM	SPECIFICATIONS	
 1 = WHITE/BLACK 2 = BLACK/WHITE 3 = WHITE/GREEN 4 = GREEN/WHITE 5 = WHITE/RED 6 = RED/WHITE 7 = WHITE/ORANGE 8 = ORANGE/WHITE 9 = N/C 10 = N/C 11 = N/C 12 = GREEN/YELLOW  M23 connector		CONTACT CARRIER MATERIAL	NYLON or PBT
		CONTACT MATERIAL/PLATING	BRASS/GOLD
PANEL CUTOUT (TYPICAL) 		COUPLING NUT MATERIAL/FINISH	STAINLESS STEEL/PASSIVATED
		O-RING/GASKET MATERIAL	RUBBER (NBR or FPM)
		RATED CURRENT [A]	9.0 A (PINS 6,12,19), 2.0 A (ALL OTHERS)
		RATED VOLTAGE [V]	150 V
		OUTER JACKET MATERIAL/COLOR	PVC/BLACK
		CONDUCTOR INSULATION MATERIAL	XLPE
		NUMBER OF CONDUCTORS [AWG]	9x18 AWG
		DRAIN/SHIELD	5x20 AWG DRAINS/FOIL (PAIRS), FOIL (OVERALL)
		CONDUCTOR ARRANGEMENT	4 SHIELDED TWISTED PAIR W/DRAINS, 1 GND, 1 OVR DRAIN
		TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
		PROTECTION CLASS	MEETS IEC IP67
		MAXIMUM PANEL THICKNESS	6.5 [0.256]



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

NOTES:

- "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
- CABLE APPROVAL: C(UL) C22.2 NO. 245 OR (UL) 1309 MARINE SHIPBOARD E# (I/S) C18X90T-9 90C 600V (YR OF MFG) IEEE 12002/FT4 ----- ALSO IN ACCORDANCE WITH IEEE 1580-2010 OR ITC-ER DIR BUR 105C SUN RES -40C OIL RES I OR PLTC-ER DIR BUR 105C OR C(UL) CIC XLPE 90C DRY/WET 600V SHIELDED FT1 FT4 SUN RES

A	DRAWING RELEASE	RDS	10/24/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL	SEE SPECIFICATIONS	DRFT NF	DATE 10/19/17	DESCRIPTION
FINISH	SEE SPECIFICATIONS	APVD L.H.	SCALE 1=1.5	P-CSFDV 12-183-*
		UNIT OF MEASUREMENT MILLIMETER [INCH]		IDENTIFICATION NO.
		CONTACT TURCK FOR MORE INFORMATION		REV A
		DO NOT SCALE THIS DRAWING		FILE: 777040607
				SHEET 1 OF 1