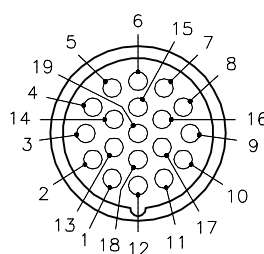
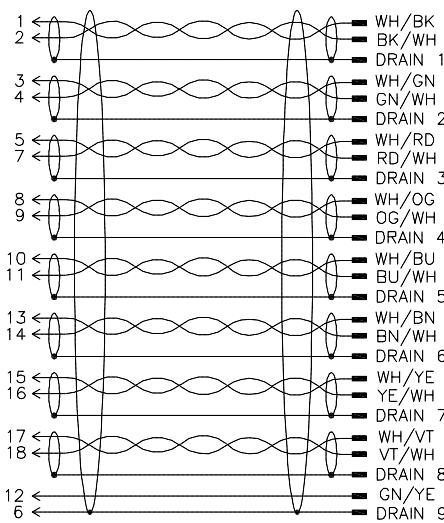
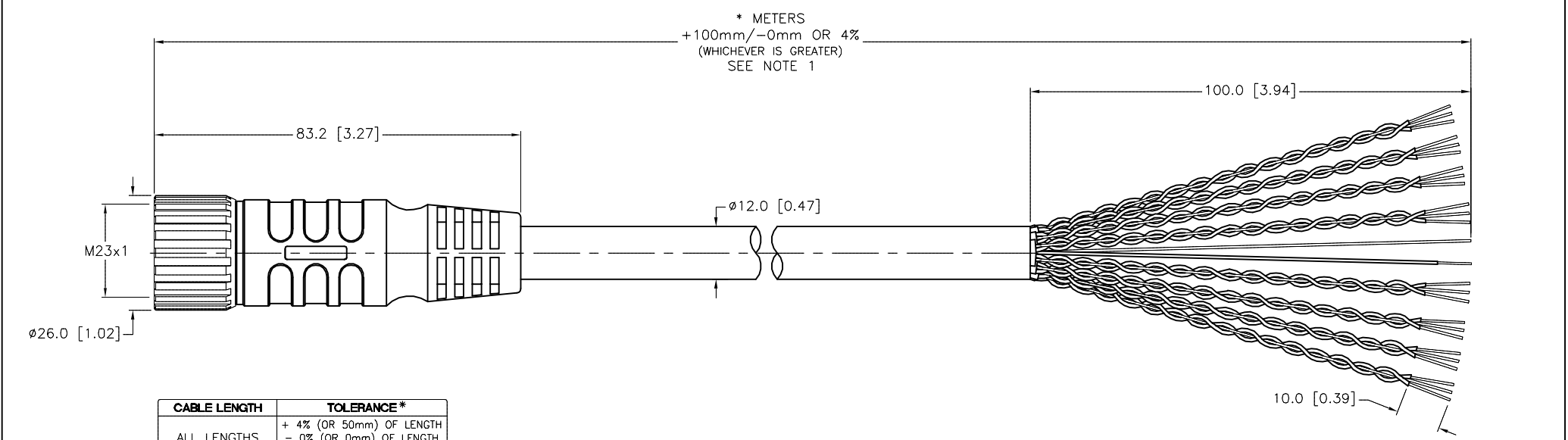


MALE END VIEW		WIRING DIAGRAM		SPECIFICATIONS																													
 M23 connector				<table><tr><td>CONTACT CARRIER MATERIAL</td><td>NYLON or PBT</td></tr><tr><td>MOLDED HEAD MATERIAL/COLOR</td><td>TPU/BLACK</td></tr><tr><td>CONTACT MATERIAL/PLATING</td><td>BRASS/GOLD</td></tr><tr><td>COUPLING NUT MATERIAL/PLATING</td><td>BRASS/NICKEL</td></tr><tr><td>RATED CURRENT [A]</td><td>9.0 A (PIN 12), 2.0 A (ALL OTHERS)</td></tr><tr><td>RATED VOLTAGE [V]</td><td>150 V</td></tr><tr><td>OUTER JACKET MATERIAL/COLOR</td><td>PVC/BLUE</td></tr><tr><td>CONDUCTOR INSULATION MATERIAL</td><td>PVC</td></tr><tr><td>NUMBER OF CONDUCTORS [AWG]</td><td>16x22 AWG, 1x18 AWG GROUND</td></tr><tr><td>DRAIN/SHIELD</td><td>9x22 AWG DRAINS/ALUMINUM FOIL SHIELDED</td></tr><tr><td>CONDUCTOR ARRANGEMENT</td><td>8 SHIELDED TWISTED PAIR W/DRAIN, 1 GND, 1 DRAIN</td></tr><tr><td>TEMPERATURE RANGE</td><td>-40°C to +105°C (-40°F to +221°F)</td></tr><tr><td>PROTECTION CLASS</td><td>MEETS IEC IP67</td></tr><tr><td>CABLE RATINGS</td><td>UL: ITC/PLTC/AWM, 105C, 300V CSA: CMG/AWM, 105C, 300V</td></tr></table>		CONTACT CARRIER MATERIAL	NYLON or PBT	MOLDED HEAD MATERIAL/COLOR	TPU/BLACK	CONTACT MATERIAL/PLATING	BRASS/GOLD	COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL	RATED CURRENT [A]	9.0 A (PIN 12), 2.0 A (ALL OTHERS)	RATED VOLTAGE [V]	150 V	OUTER JACKET MATERIAL/COLOR	PVC/BLUE	CONDUCTOR INSULATION MATERIAL	PVC	NUMBER OF CONDUCTORS [AWG]	16x22 AWG, 1x18 AWG GROUND	DRAIN/SHIELD	9x22 AWG DRAINS/ALUMINUM FOIL SHIELDED	CONDUCTOR ARRANGEMENT	8 SHIELDED TWISTED PAIR W/DRAIN, 1 GND, 1 DRAIN	TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)	PROTECTION CLASS	MEETS IEC IP67	CABLE RATINGS	UL: ITC/PLTC/AWM, 105C, 300V CSA: CMG/AWM, 105C, 300V
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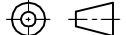


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

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

D	DRAWING PROCESSED AS PART OF ECO 39876	KMY	09/12/12	39876
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.			3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT	*CK	DATE	11/24/10	DESCRIPTION P-CSM 19-977-*
			APVD		SCALE	1=1.3	
FINISH SEE SPECIFICATIONS		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT MILLIMETER [INCH]				
	DO NOT SCALE THIS DRAWING				FILE: 777011536	SHEET 1 OF 1	