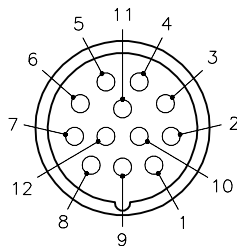
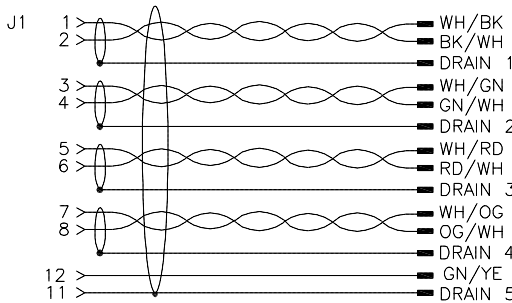
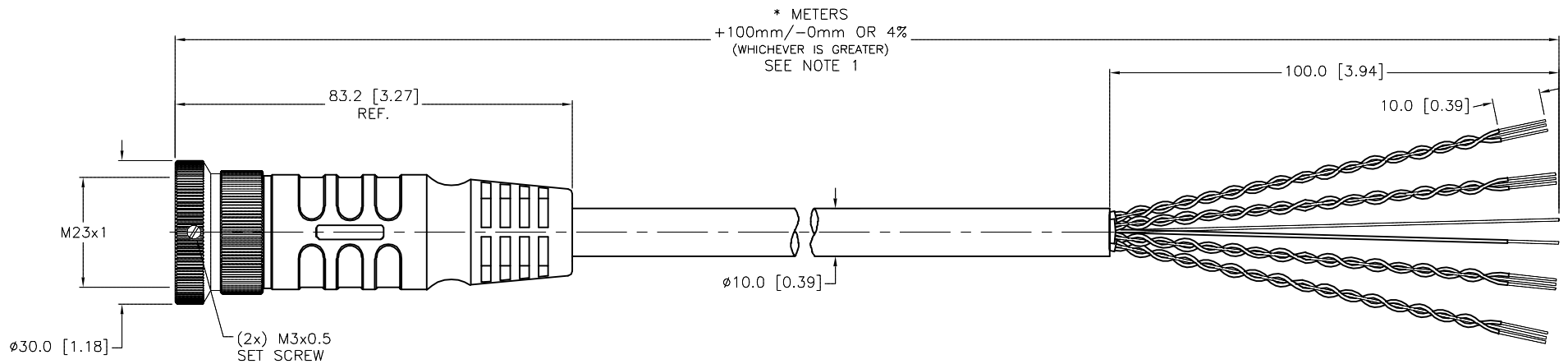


FEMALE END VIEW		WIRING DIAGRAM		SPECIFICATIONS																													
 1 = WHITE/BLACK 2 = BLACK/WHITE 3 = WHITE/GREEN 4 = GREEN/WHITE 5 = WHITE/RED 6 = RED/WHITE 7 = WHITE/ORANGE 8 = ORANGE/WHITE 9 = N/C 10 = N/C 11 = DRAIN 12 = GREEN/YELLOW		J1 		<table><tr><td>CONTACT CARRIER MATERIAL</td><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>3.0 A</td></tr><tr><td>RATED VOLTAGE [V]</td><td>250 V</td></tr><tr><td>OUTER JACKET MATERIAL/COLOR</td><td>PVC/PLUM</td></tr><tr><td>CONDUCTOR INSULATION MATERIAL</td><td>PVC</td></tr><tr><td>NUMBER OF CONDUCTORS [AWG]</td><td>8x22 AWG, 1x18 AWG GROUND</td></tr><tr><td>DRAIN/SHIELD</td><td>5x22 AWG DRAINS/ALUMINUM FOIL SHIELDED</td></tr><tr><td>CONDUCTOR ARRANGEMENT</td><td>4 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, 300 V CSA: CMG/AWM, 105C, 300 V</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]	3.0 A	RATED VOLTAGE [V]	250 V	OUTER JACKET MATERIAL/COLOR	PVC/PLUM	CONDUCTOR INSULATION MATERIAL	PVC	NUMBER OF CONDUCTORS [AWG]	8x22 AWG, 1x18 AWG GROUND	DRAIN/SHIELD	5x22 AWG DRAINS/ALUMINUM FOIL SHIELDED	CONDUCTOR ARRANGEMENT	4 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, 300 V CSA: CMG/AWM, 105C, 300 V
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]	3.0 A																																
RATED VOLTAGE [V]	250 V																																
OUTER JACKET MATERIAL/COLOR	PVC/PLUM																																
CONDUCTOR INSULATION MATERIAL	PVC																																
NUMBER OF CONDUCTORS [AWG]	8x22 AWG, 1x18 AWG GROUND																																
DRAIN/SHIELD	5x22 AWG DRAINS/ALUMINUM FOIL SHIELDED																																
CONDUCTOR ARRANGEMENT	4 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, 300 V CSA: CMG/AWM, 105C, 300 V																																

 M23 connector

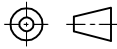


CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

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

SOURCE DRAWING - FOR REFERENCE ONLY

30-49mm±2.0mm 50-69mm±3.0mm 70-100mm±4.0mm OVER 100mm±5.0mm * UNLESS OTHERWISE SPECIFIED		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					
NOTES: 1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.					MATERIAL SEE SPECIFICATIONS		DRFT JB		DATE 06/27/03		DESCRIPTION P-CKML 12-960-*		
					ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD		SCALE NONE		IDENTIFICATION NO.		
					FINISH SEE SPECIFICATIONS		UNIT OF MEASUREMENT MILLIMETER [INCH]		DO NOT SCALE THIS DRAWING		REV E		
E DRAWING PROCESSED AS PART OF ECO 39948		KMY 09/18/12		39948						FILE: 777002416		SHEET 1 OF 1	
REV DESCRIPTION		BY DATE		ECO NO.									