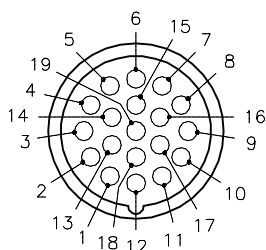


## MALE END VIEW

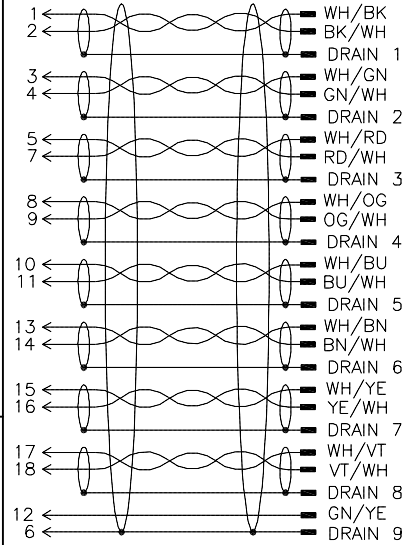


|      |    |                |
|------|----|----------------|
| PAIR | 1  | = WHITE/BLACK  |
|      | 2  | = BLACK/WHITE  |
| PAIR | 3  | = WHITE/GREEN  |
|      | 4  | = GREEN/WHITE  |
|      | 5  | = WHITE/RED    |
| PAIR | 6  | = DRAIN        |
|      | 7  | = RED/WHITE    |
| PAIR | 8  | = WHITE/ORANGE |
|      | 9  | = ORANGE/WHITE |
| PAIR | 10 | = WHITE/BLUE   |
|      | 11 | = BLUE/WHITE   |
|      | 12 | = GREEN/YELLOW |
| PAIR | 13 | = WHITE/BROWN  |
|      | 14 | = BROWN/WHITE  |
| PAIR | 15 | = WHITE/YELLOW |
|      | 16 | = YELLOW/WHITE |
| PAIR | 17 | = WHITE/VIOLET |
|      | 18 | = VIOLET/WHITE |
|      | 19 | = N/C          |



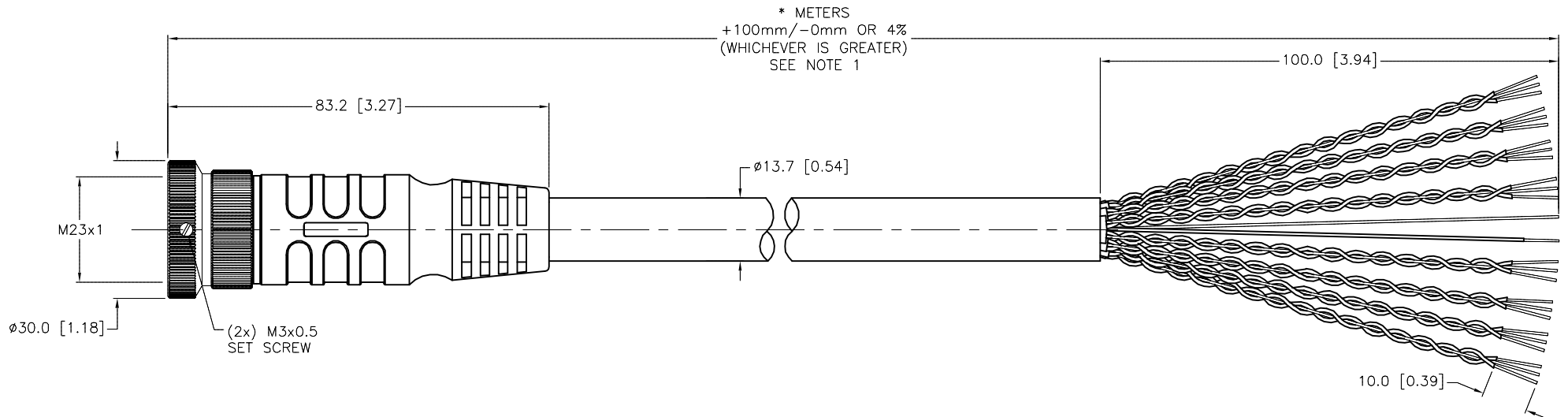
M23 connector

## WIRING DIAGRAM



## SPECIFICATIONS

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| CONTACT CARRIER MATERIAL      | NYLON or PBT                                                                   |
| MOLDED HEAD MATERIAL/COLOR    | TPU/BLACK                                                                      |
| CONTACT MATERIAL/PLATING      | BRASS/GOLD                                                                     |
| COUPLING NUT MATERIAL/FINISH  | STAINLESS STEEL/PASSIVATED                                                     |
| RATED CURRENT [A]             | 9.0 A (PIN 12), 2.0 A (ALL OTHERS)                                             |
| RATED VOLTAGE [V]             | 150 V                                                                          |
| OUTER JACKET MATERIAL/COLOR   | EX60/BLACK                                                                     |
| CONDUCTOR INSULATION MATERIAL | XLPE                                                                           |
| NUMBER OF CONDUCTORS [AWG]    | 16x22 AWG, 1x18 AWG GROUND                                                     |
| DRAIN/SHIELD                  | 9x22 AWG/ALUM.-POLYESTER FOIL (PAIRS & OVERALL)                                |
| CONDUCTOR ARRANGEMENT         | 8 SHIELDED TWISTED PAIRS W/DRAIN, 1 GND, 1 DRAIN                               |
| TEMPERATURE RANGE             | -60°C to +105°C (-76°F to +221°F)                                              |
| PROTECTION CLASS              | IEC IP67                                                                       |
| CABLE RATINGS                 | UL: ITC-ER/PLTC-ER, DIRECT BURIAL, 105C, -60C COLD BEND<br>CSA: CIC, 90C, 300V |

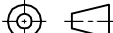


| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH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

## NOTES:

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

SOURCE DRAWING - FOR REFERENCE ONLY

|                                                           |                                                                                       |                                                                                                                                                        |                     |                                                                                                                                      |                 |                                       |              |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|--------------|
| RELATED DOCUMENTS<br><br>1.<br><br>2.<br><br>3.<br><br>4. | 3RD ANGLE PROJECTION                                                                  | <div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div>TURCK</div> |                     | <div>3000 CAMPUS DRIVE<br/>MINNEAPOLIS, MN 55441<br/>1-800-544-7769<br/>(763) 553-7300<br/>(763) 553-0708 fax<br/>www.turck.us</div> |                 |                                       |              |
|                                                           |  |                                                                                                                                                        |                     |                                                                                                                                      |                 |                                       |              |
|                                                           |                                                                                       |                                                                                                                                                        |                     |                                                                                                                                      |                 |                                       |              |
|                                                           |                                                                                       |                                                                                                                                                        |                     |                                                                                                                                      |                 |                                       |              |
| MATERIAL                                                  | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY                       | DRFT                                                                                                                                                   | NF                  | DATE                                                                                                                                 | 03/31/15        | DESCRIPTION<br><br>P-CSMT 19-1484XL-* |              |
| SEE SPECIFICATIONS                                        |                                                                                       | APVD                                                                                                                                                   | L.H.                | SCALE                                                                                                                                | 1=1.3           |                                       |              |
| FINISH                                                    |                                                                                       | CONTACT TURCK FOR MORE INFORMATION                                                                                                                     | UNIT OF MEASUREMENT |                                                                                                                                      |                 | IDENTIFICATION NO.                    | REV<br><br>C |
| SEE SPECIFICATIONS                                        |                                                                                       |                                                                                                                                                        | MILLIMETER [ INCH ] |                                                                                                                                      |                 |                                       |              |
|                                                           |                                                                                       | DO NOT SCALE THIS DRAWING                                                                                                                              |                     |                                                                                                                                      | FILE: 777035009 | SHEET 1 OF 1                          |              |