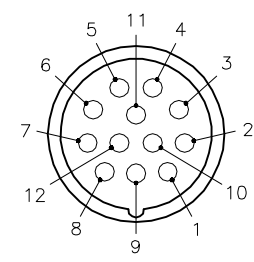
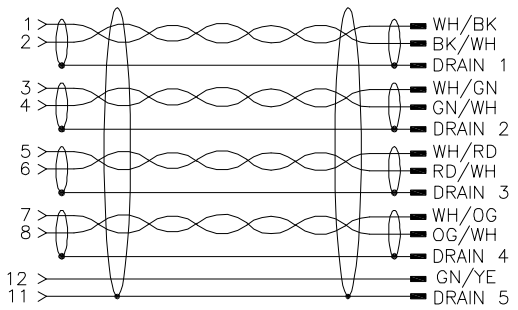
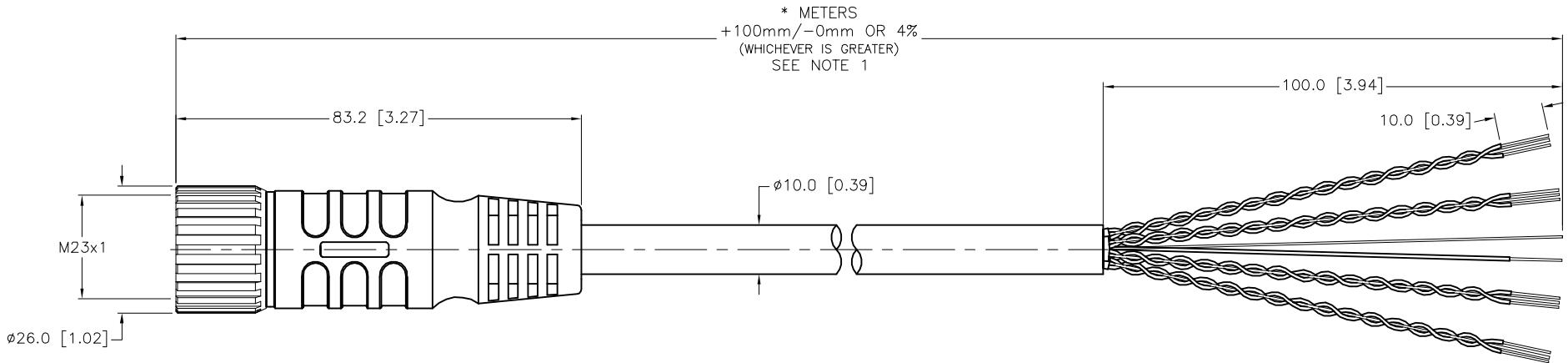


| FEMALE END VIEW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | WIRING DIAGRAM                                                                    | SPECIFICATIONS                 |                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------|
|  <div><div>1 = WHITE/BLACK</div><div>2 = BLACK/WHITE</div><div>3 = WHITE/GREEN</div><div>4 = GREEN/WHITE</div><div>5 = WHITE/RED</div><div>6 = RED/WHITE</div><div>7 = WHITE/ORANGE</div><div>8 = ORANGE/WHITE</div><div>9 = N/C</div><div>10 = N/C</div><div>11 = DRAIN</div><div>12 = GREEN/YELLOW</div></div> <div> M23 connector</div> |  | CONTACT CARRIER MATERIAL/COLOR | NYLON or PBT/GRAY                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | MOLDED HEAD MATERIAL/COLOR     | TPU/BLACK                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | CONTACT MATERIAL/PLATING       | BRASS/GOLD                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | COUPLING NUT MATERIAL/FINISH   | STAINLESS STEEL/PASSIVATED                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | RATED CURRENT [A]              | 3.0 A                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | RATED VOLTAGE [V]              | 300 V                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | OUTER JACKET MATERIAL/COLOR    | PVC/BLUE                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | CONDUCTOR INSULATION MATERIAL  | PVC                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | NUMBER OF CONDUCTORS [AWG]     | 8x22 AWG, 1x18 AWG GROUND                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | DRAIN/SHIELD                   | 4X24, 1X22 AWG/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               | IEC IP67                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | CABLE RATINGS                  | UL: ITC/PLTC/AWM, 105C, 300 V<br>CSA: CMX-OURTDOOR-CMG/AWM, 105C, 300 V |

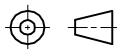


| CABLE LENGTH                 | TOLERANCE *                                                                 |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH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

|                                                                                                                                                |                             |  |  |    |                                                                                      |         |                                                                                                                                              |  |                                                                                                                                                               |  |                                                                                                                                                                                                                                       |  |                                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--|--|----|--------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--|
| <div>30–49mm±2.0mm</div> <div>50–69mm±3.0mm</div> <div>70–100mm±4.0mm</div> <div>OVER 100mm±5.0mm</div> <div>*UNLESS OTHERWISE SPECIFIED</div> |                             |  |  |    | <div>RELATED DOCUMENTS</div> <div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> |         | <div>3RD ANGLE PROJECTION</div> <div></div>             |  | <div>THIS DRAWING IS<br/>CONFIDENTIAL AND THE<br/>PROPERTY OF TURCK<br/>INC. USE OF THIS<br/>DOCUMENT WITHOUT<br/>WRITTEN PERMISSION IS<br/>PROHIBITED.</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> <div></div> |  |                                                   |  |
| NOTES:                                                                                                                                         |                             |  |  |    | <div>MATERIAL</div> <div>SEE SPECIFICATIONS</div>                                    |         | <div>ALL DIMENSIONS<br/>DISPLAYED ON THIS<br/>DRAWING ARE FOR<br/>REFERENCE ONLY</div> <div>CONTACT TURCK<br/>FOR MORE<br/>INFORMATION</div> |  | <div>DRFT</div> <div>RWC</div>                                                                                                                                |  | <div>DATE</div> <div>10/19/04</div>                                                                                                                                                                                                   |  | <div>DESCRIPTION</div> <div>P–CKMV 12–978–*</div> |  |
|                                                                                                                                                |                             |  |  |    |                                                                                      |         |                                                                                                                                              |  | <div>APVD</div>                                                                                                                                               |  | <div>SCALE</div> <div>1=1.3</div>                                                                                                                                                                                                     |  |                                                   |  |
|                                                                                                                                                |                             |  |  |    | <div>FINISH</div> <div>SEE SPECIFICATIONS</div>                                      |         | <div>UNIT OF MEASUREMENT</div> <div>MILLIMETER [ INCH ]</div> <div>DO NOT SCALE THIS DRAWING</div>                                           |  | <div>IDENTIFICATION NO.</div> <div>REV</div> <div>F</div>                                                                                                     |  |                                                                                                                                                                                                                                       |  |                                                   |  |
|                                                                                                                                                |                             |  |  |    |                                                                                      |         |                                                                                                                                              |  | <div>FILE: 777005565</div> <div>SHEET 1 OF 1</div>                                                                                                            |  |                                                                                                                                                                                                                                       |  |                                                   |  |
| F                                                                                                                                              | UPDATED DRAIN SPECS PER ECO |  |  | TV | 03/02/16                                                                             | 53780   |                                                                                                                                              |  |                                                                                                                                                               |  |                                                                                                                                                                                                                                       |  |                                                   |  |
| REV                                                                                                                                            | DESCRIPTION                 |  |  | BY | DATE                                                                                 | ECO NO. |                                                                                                                                              |  |                                                                                                                                                               |  |                                                                                                                                                                                                                                       |  |                                                   |  |