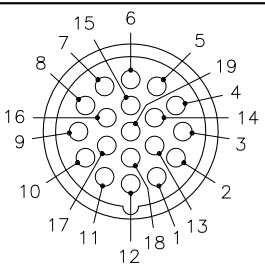


FEMALE END VIEW



1 = VIOLET

2 = RED

3 = GRAY

4 = RED/BLUE

5 = GREEN

6 = BLUE

7 = GRAY/PINK

8 = WHITE/GREEN

9 = WHITE/YELLOW

10 = WHITE/GRAY

11 = BLACK

12 = GREEN/YELLOW

13 = YELLOW/BROWN

14 = BROWN/GREEN

15 = WHITE

16 = YELLOW

17 = PINK

18 = GRAY/BROWN

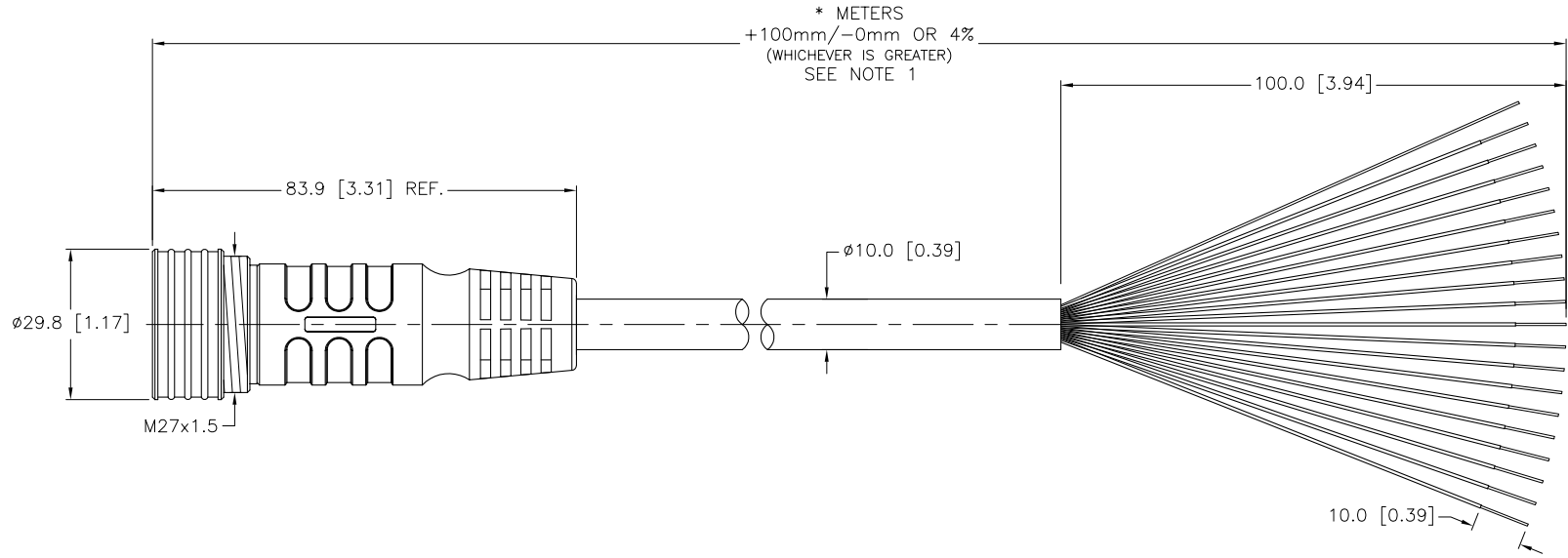
19 = BROWN



M23 connector

SPECIFICATIONS

|                               |                                    |
|-------------------------------|------------------------------------|
| 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 (18 AWG), 2.0 A (22 AWG)     |
| RATED VOLTAGE [V]             | 150 V                              |
| OUTER JACKET MATERIAL/COLOR   | PVC/YELLOW                         |
| CONDUCTOR INSULATION MATERIAL | PVC                                |
| NUMBER OF CONDUCTORS [AWG]    | 3x18 AWG, 16x22 AWG                |
| DRAIN/SHIELD                  | 20 AWG DRAIN/POLYESTER FOIL SHIELD |
| TEMPERATURE RANGE             | -40°C to +105°C (-40°F to +221°F)  |
| PROTECTION CLASS              | IEC IP67                           |



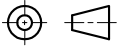
\* METERS  
+100mm/-0mm OR 4%  
(WHICHEVER IS GREATER)  
SEE NOTE 1

| 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                                                                      |

NOTES:

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

SOURCE DRAWING - FOR REFERENCE ONLY

|                   |                                                                                       |                                                                                                                            |                                                                                                                                                                                                                             |               |                             |              |
|-------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------|--------------|
| RELATED DOCUMENTS | 3RD ANGLE PROJECTION                                                                  | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. | <div><div>TURCK INC</div><div>High Technology Sensors and Automation Controls</div></div> <div>3000 CAMPUS DRIVE<br/>MINNEAPOLIS, MN 55441<br/>1-800-544-7769<br/>(763) 553-7300<br/>(763) 553-0708 fax<br/>turck.com</div> |               |                             |              |
| 1.                |  | DRFT                                                                                                                       | PJ                                                                                                                                                                                                                          | DATE 05/31/05 | DESCRIPTION<br>CKMH 19-19-* |              |
| 2.                |                                                                                       | APVD                                                                                                                       | SCALE 1=1.5                                                                                                                                                                                                                 |               |                             |              |
| 3.                | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY                       | UNIT OF MEASUREMENT<br>MILLIMETER [ INCH ]                                                                                 |                                                                                                                                                                                                                             |               | IDENTIFICATION NO.          | REV<br>F     |
| 4.                |                                                                                       | DO NOT SCALE THIS DRAWING                                                                                                  |                                                                                                                                                                                                                             |               |                             |              |
| MATERIAL          | SEE SPECIFICATIONS                                                                    | CONTACT TURCK FOR MORE INFORMATION                                                                                         | FILE: 777007155                                                                                                                                                                                                             |               |                             | SHEET 1 OF 1 |
| FINISH            | SEE SPECIFICATIONS                                                                    |                                                                                                                            |                                                                                                                                                                                                                             |               |                             |              |