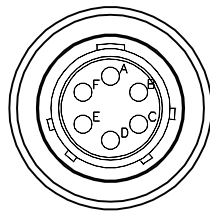


# MALE END VIEW

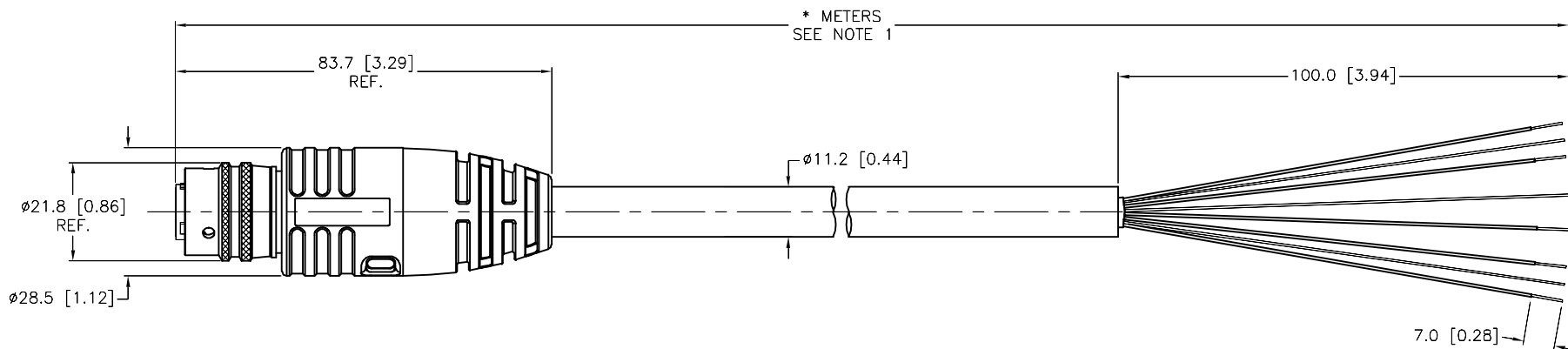


A = BROWN  
B = BLUE  
C = BLACK  
D = WHITE  
E = GREEN/YELLOW  
F = OVERALL DRAIN

CONNECTOR  
TYPE/STYLE - MS 3116M  
SHELL SIZE - 10  
INSERT ARRANGEMENT - 6P

# SPECIFICATIONS

|                               |                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONTACT CARRIER MATERIAL      | NEOPRENE                                                                                                                                                                                                                                                           |
| MOLDED HEAD MATERIAL/COLOR    | PVC/BLACK                                                                                                                                                                                                                                                          |
| CONTACT MATERIAL/PLATING      | COPPER ALLOY/GOLD                                                                                                                                                                                                                                                  |
| COUPLING NUT MATERIAL/PLATING | ALUMINUM ALLOY/OLIVE DRAB CHROMATE                                                                                                                                                                                                                                 |
| MOLD SLEEVE                   | ALUMINUM/BLACK ANODIZED                                                                                                                                                                                                                                            |
| RATED CURRENT [A]             | 5.6 A                                                                                                                                                                                                                                                              |
| RATED VOLTAGE [V]             | 300 V                                                                                                                                                                                                                                                              |
| OUTER JACKET MATERIAL/COLOR   | EX60/BLACK                                                                                                                                                                                                                                                         |
| CONDUCTOR INSULATION MATERIAL | XLPE                                                                                                                                                                                                                                                               |
| NUMBER OF CONDUCTORS          | 5x18 AWG                                                                                                                                                                                                                                                           |
| CONDUCTOR ARRANGEMENT         | 2 SHIELDED TWISTED PAIRS W/DRAIN, 1 GND, 1 DRAIN                                                                                                                                                                                                                   |
| TEMPERATURE RATING            | -60°C to +105°C (-76°F to +221°F)                                                                                                                                                                                                                                  |
| PROTECTION CLASS              | MEETS NEMA 1,3,4,6P AND IEC IP67,IP68                                                                                                                                                                                                                              |
| CONNECTOR TYPE                | MIL-DTL-26482                                                                                                                                                                                                                                                      |
| CABLE APPROVALS               | UL: TC-ER/ITC-ER/PLTC-ER, Direct Burial, 105°C; -40°C COLD IMPACT; -60°C COLD BEND<br>CSA: CIC/TC, DIRECT BURIAL, 90°C, 600V; -40°C COLD IMPACT; -60°C COLD BEND<br>UL 1309 MARINE SHIPBOARD 600V; ABS<br>CERTIFIED; IEEE 1202/FT4; IEEE 1580-2010; IEC 60332-3-22 |



| 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 LENGTH.

## SOURCE DRAWING - FOR REFERENCE ONLY

|                      |  |                                            |  |                                                                                                                                       |  |                                                                                                                                                                 |  |
|----------------------|--|--------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| RELATED DOCUMENTS    |  | 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><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>TURCK</div></div> |  |
| 1.<br>2.<br>3.<br>4. |  |                                            |  |                                                                                                                                       |  |                                                                                                                                                                 |  |
| MATERIAL             |  | DRFT NF                                    |  | DATE 02/16/15                                                                                                                         |  | DESCRIPTION<br>MS 3116M-10-6P-2176XL-*/D/S1366                                                                                                                  |  |
| SEE SPECIFICATIONS   |  | APVD J.B.                                  |  | SCALE 1=1.5                                                                                                                           |  |                                                                                                                                                                 |  |
| FINISH               |  | UNIT OF MEASUREMENT<br>MILLIMETER [ INCH ] |  | IDENTIFICATION NO.                                                                                                                    |  | REV<br>G                                                                                                                                                        |  |
| SEE SPECIFICATIONS   |  |                                            |  |                                                                                                                                       |  |                                                                                                                                                                 |  |
|                      |  | DO NOT SCALE THIS DRAWING                  |  | FILE: 777034736                                                                                                                       |  | SHEET 1 OF 1                                                                                                                                                    |  |

|     |                    |    |          |              |
|-----|--------------------|----|----------|--------------|
| G   | UPDATE DESCRIPTION | NF | 03/13/20 | 500000001132 |
| REV | DESCRIPTION        | BY | DATE     | ECO NO.      |