

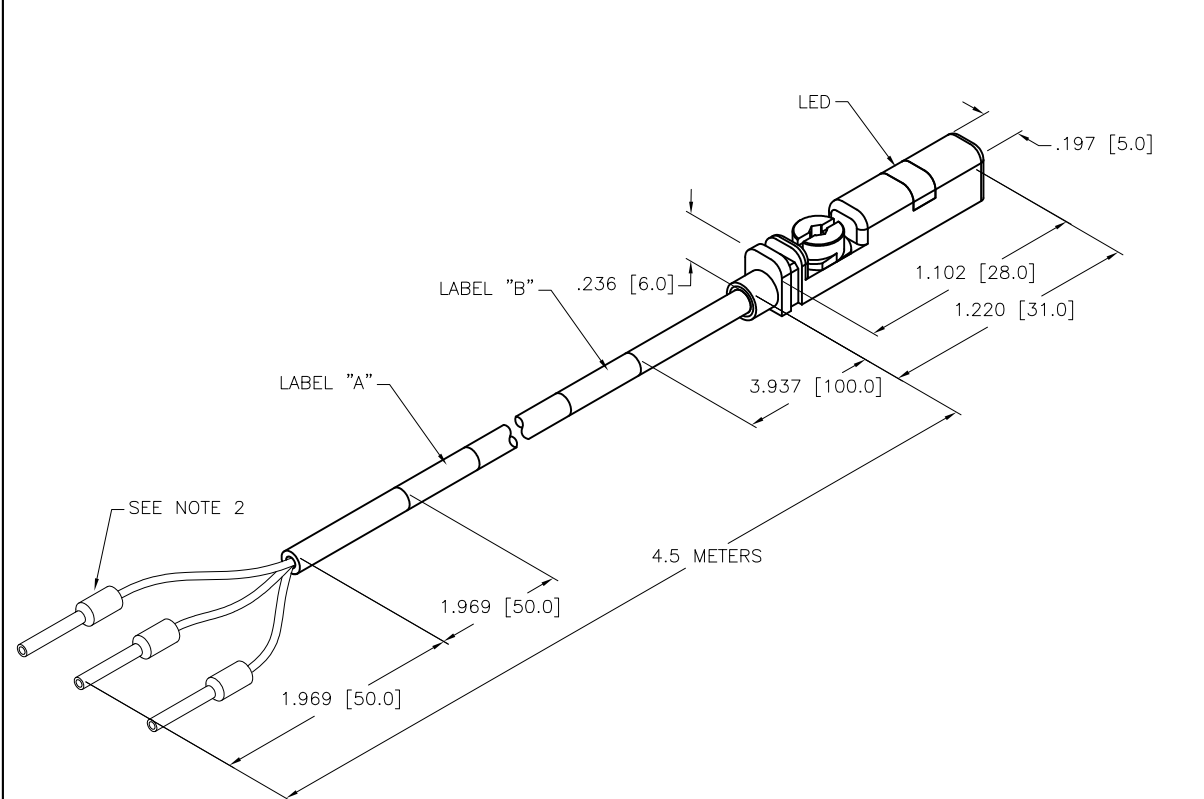
DETAIL LABEL "A"

**19W03**  
BRN: 19N01.P1.1  
BLK: 19N01.P1.2  
BLE: 19N01.P1.3

DETAIL LABEL "B"

**19W03**  
19B03  
ARCH IMPACT SWITCH  
P/N 04420010

| SPECIFICATIONS                |   |
|-------------------------------|---|
| OVERTRAVEL SPEED              | ≤ 10 m/s                                |
| MAX. ABSOLUTE HYSTERESIS      | ≤ 1 mm                                  |
| TEMPERATURE DRIFT             | ≤ 0.1 mm                                |
| MIN. ABSOLUTE REPEAT ACCURACY | ≥ ±0.1 mm                               |
| OPERATING TEMPERATURE         | -25°C to +70°C (-13°F to +158°F)        |
| RATED OPERATIONAL VOLTAGE     | 10-30 VDC                               |
| RIPPLE                        | ≤ 10%                                   |
| RATED OPERATIONAL CURRENT     | ≤ 150 mA                                |
| NO-LOAD CURRENT               | ≤ 15 mA                                 |
| MAX. OFF-STATE CURRENT        | ≤ 0.1 mA                                |
| MAX. SWITCHING FREQUENCY      | ≤ 1 kHz                                 |
| RATED INSULATION VOLTAGE      | ≤ 0.5 kV                                |
| OUTPUT FUNCTION               | 3-WIRE, NORMALLY OPEN, NPN              |
| SHORT-CIRCUIT PROTECTED       | YES, CYCLIC                             |
| MAX. VOLTAGE DROP             | ≤ 1.8 V                                 |
| REVERSE POLARITY PROTECTION   | INCORPORATED                            |
| WIRE-BREAK PROTECTION         | INCORPORATED                            |
| HOUSING MATERIAL              | PLASTIC, PP                             |
| ACTIVE FACE                   | PLASTIC, PP                             |
| CABLE                         | ∅3, Lifyy-11Y, TPU JACKET               |
| SHOCK RESISTANCE              | 30 g, 11 ms                             |
| VIBRATION RESISTANCE          | 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES) |
| DEGREE OF PRETECTION          | IP67                                    |
| SWITCHING STATUS INDICATION   | LED: YELLOW                             |



SOURCE DRAWING - FOR REFERENCE ONLY

- NOTES:
1. "/CS10305" DESIGNATES PANDUIT FERRULES AND TWO CUSTOMER SPECIFIC LABELS.
  2. PANDUIT PART NUMBER FSD73-8-D (3x).

|   |   |  |               |  |                |
|---|---|--|---------------|--|----------------|
| RELATED DOCUMENTS<br>1.<br>2.<br>3.<br>4. | 3RD ANGLE PROJECTION<br>  | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |               | 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 |                |
|   | MATERIAL  | DRFT RWC   | DATE 04/03/09 | DESCRIPTION<br>BIM-UNT-AN6X/CS10305 4.5M   |                |
| FINISH                                    | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | APVD   | SCALE 1=.8    | IDENTIFICATION NO.<br>46857910   |                |
|   | CONTACT TURCK FOR MORE INFORMATION                              | UNIT OF MEASUREMENT<br><b>INCH [ MILLIMETER ]</b>  |               | REV<br>C   |                |
| C   | UPDATE ID NUMBER PER HARMONIZATION PROJECT                      | CBM  | 12/21/17      | DO NOT SCALE THIS DRAWING  |                |
| REV                                       | DESCRIPTION   | BY   | DATE          | ECO NO.  | FILE: 46857910 |
|   |   |  |               |  | SHEET 1 OF 1   |