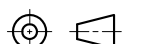


| SPECIFICATIONS | |
|---------------------------------|--|
| RATED OPERATING DISTANCE | 2mm = .079" (NOMINAL) |
| MOUNTING MODE | FLUSH |
| TEMPERATURE DRIFT | ≤ ±10% |
| HYSTERESIS (SWITCHING DISTANCE) | 3–15% |
| MIN. REPEAT ACCURACY | ≤ 2% |
| OPERATING TEMPERATURE | –25°C to +70°C (–13°F to +158°F) |
| RATED OPERATIONAL VOLTAGE | 10–30 VDC |
| MAX. RIPPLE | ≤ 10% |
| RATED OPERATIONAL CURRENT | ≤ 150 mA |
| NO-LOAD CURRENT | ≤ 15 mA |
| MAX. OFF-STATE CURRENT | ≤ 0.1 mA |
| RATED INSULATION VOLTAGE | ≤ 0.5 kV |
| SHORT-CIRCUIT PROTECTION | YES, CYCLIC |
| MAX. VOLTAGE DROP | ≤ 1.8 V |
| WIRE BREAKAGE PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | 3-WIRE, NORMALLY OPEN, PNP |
| MAX. SWITCHING FREQUENCY | ≤ 2 kHz |
| HOUSING MATERIAL | PLASTIC, PA12-GF20 |
| ACTIVE FACE | PLASTIC, PA12-GF20 |
| CABLE | ø3.0, TPU |
| VIBRATION RESISTANCE | 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES) |
| SHOCK RESISTANCE | 30 g, 11 ms |
| DEGREE OF PROTECTION | IP67 |
| SWITCHING STATUS INDICATION | LED, YELLOW |

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/CS10209" DESIGNATES CABLE WITH STANDARD CONDUCTOR STRIP. NO TINNING.

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|---|--|---|---|---|-------------------------------------|--|
| RELATED DOCUMENTS 1. 2. 3. 4. | 3RD ANGLE PROJECTION |  | THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. | TURCK INC <i>High Technology Sensors and Automation Controls</i> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com | | |
| | | | | | | |
| MATERIAL SEE SPECIFICATIONS | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | DRFT | RWC | DATE | 07/28/09 | DESCRIPTION BI 2-Q10S-AP6X/CS10209 0.3M |
| FINISH SEE SPECIFICATIONS | | DSGN | | SCALE | 1 = 1.0 | |
| | | UNIT OF MEASUREMENT INCH [MILLIMETER] | | | IDENTIFICATION NO. S16093881 | |
| | | DO NOT SCALE THIS DRAWING | | | REV C | |
| | | FILE: S16093881 | | | SHEET 1 OF 1 | |