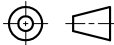


SPECIFICATIONS	
RATED OPERATING DISTANCE	10mm [.394"]
MOUNTING MODE	FLUSH
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10% ≤ ± 20%, ≥ +70°C
OPERATING TEMPERATURE	–25°C to +120°C (–13°F to +248°F)
RATED OPERATIONAL VOLTAGE	20–250 VAC
AC RATED OPERATIONAL CURRENT	≤ 400 mA
FREQUENCY	50–60Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8.0 A (≤ 10ms MAX. 5 Hz.)
MAX. VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	NORMALLY OPEN, 2-WIRE
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.2 kHz
HOUSING MATERIAL/PLATING	BRASS/CHROME
ACTIVE FACE MATERIAL	PLASTIC, PA12–GF30
END CAP MATERIAL	PLASTIC, PA12–GF30
CABLE	ø6.0, SILICONE
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67 (SENSOR ONLY)
SWITCHING STATUS INDICATION	LED, YELLOW

NOTES:

1. "/S120" DESIGNATES MAX. OPERATING TEMPERATURE OF +120°C.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
		DRFT	RDS	DATE	10/26/09
		APVD		SCALE	1=1.3
		UNIT OF MEASUREMENT INCH [MILLIMETER]		DESCRIPTION BI10-M30-AZ3X-0.3M-SB3T/S120	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION			IDENTIFICATION NO. 4316481	
FINISH				REV C	
		DO NOT SCALE THIS DRAWING		FILE: 4316481	
C	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17		
REV	DESCRIPTION	BY	DATE	ECO NO.	SHEET 1 OF 1