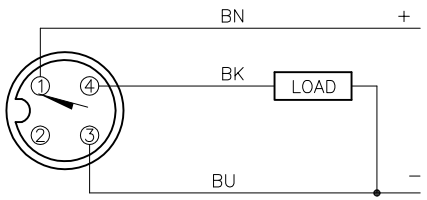
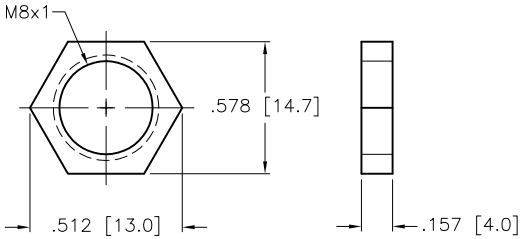
WIRING DIAGRAM



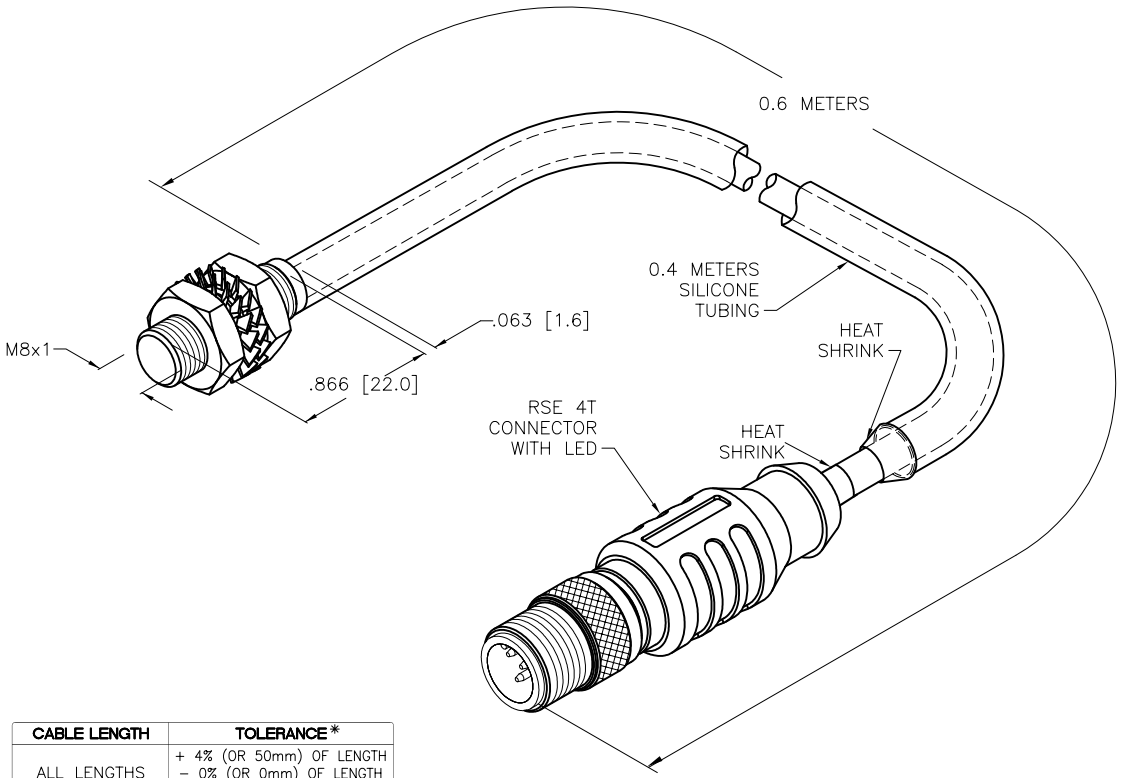
OUTPUT: AP6X

LOCKNUT LN–SS08



SPECIFICATIONS

RATED OPERATING DISTANCE	2mm [.079]
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS (SWITCHING DISTANCE)	3–15%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
OPERATING VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤150 mA
NO–LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTED	YES
MAX VOLTAGE DROP	≤ 1.8 V
WIRE–BREAKAGE PROTECTION	YES
REVERSE POLARITY PROTECTION	YES
OUTPUT FUNCTION	3–WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 3.0 kHz
HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L) PTFE–COATED
ACTIVE FACE MATERIAL	PLASTIC, PA12–GF20
END CAP MATERIAL	PLASTIC, PP
CABLE	ø4.0, LifYY–11Y, TPU
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH – 0% (OR 0mm) OF LENGTH 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	

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/CS11553" DESIGNATES SENSOR HAS S1589 WELDGUARD COATING, P7x2 CLEAR LED'S AND S1732 SILICONE TUBING OVER CABLE. TUBING IS 200mm LESS THAN TOTAL LENGTH OF CABLE.

REV	DESCRIPTION	BY	DATE	ECO NO.
F	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

TURCK
3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1–800–544–7769
(763) 553–7300
(763) 553–0708 fax
www.turck.us

MATERIAL: SEE NOTES

FINISH: SEE NOTES

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: RDS | DATE: 05/08/07
APVD: AF | SCALE: 1=1.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]
DO NOT SCALE THIS DRAWING

DESCRIPTION: BI2–EGT08K–AP6X–0.6–RSE 4T/CS11553

IDENTIFICATION NO.: 46025412 | REV: F

FILE: 46025412 | SHEET 1 OF 1