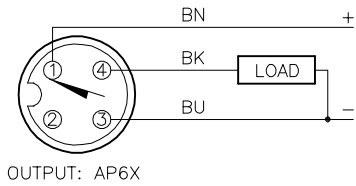
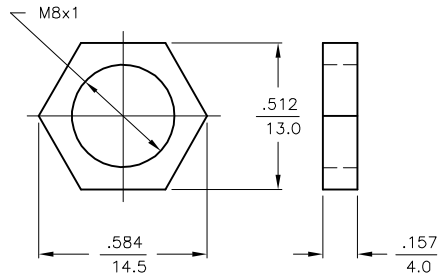


WIRING DIAGRAM



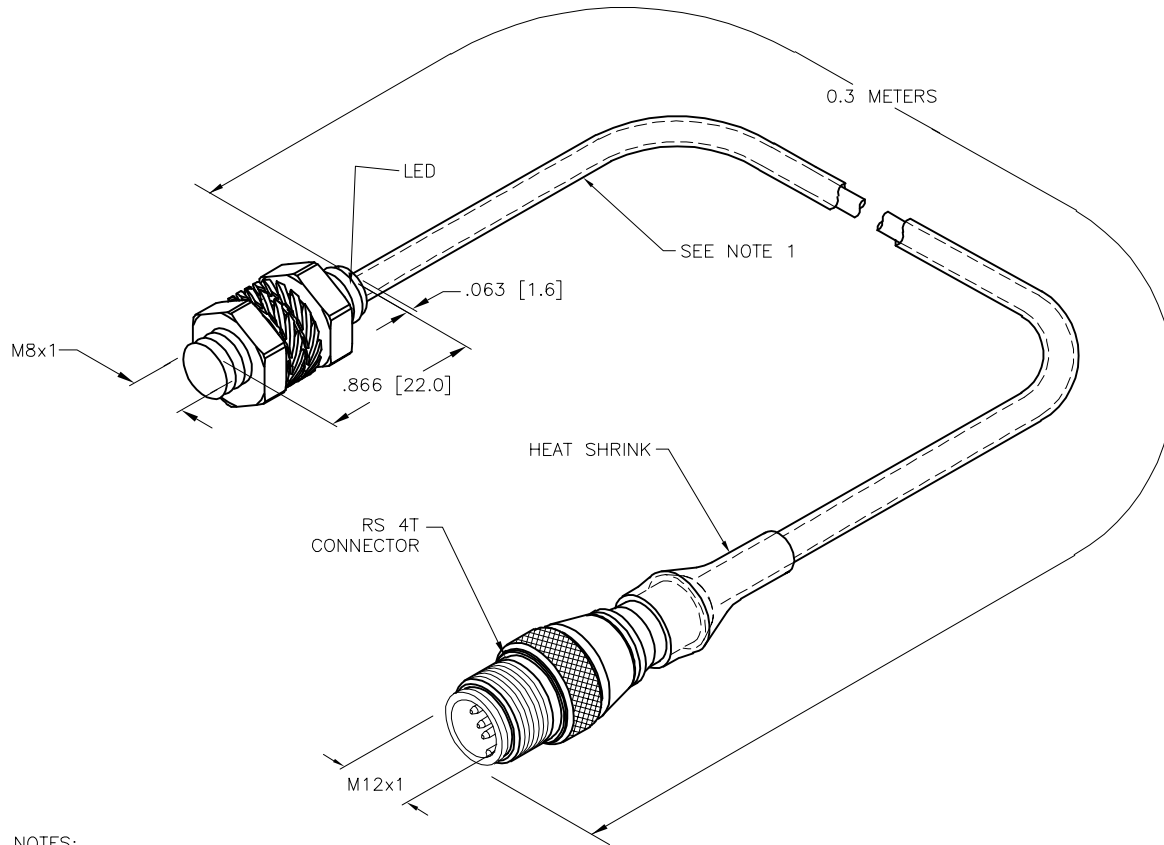
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-SS08



SPECIFICATIONS

RATED OPERATING DISTANCE	2mm =.079"
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +100°C (-13°F to +212°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
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
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	≤ 1 kHz
HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L) PTFE-COATED
ACTIVE FACE	PLASTIC, PA12-GF20
END CAP	PLASTIC, PP
CABLE	∅4, TPU
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP68
SWITCHING STATUS INDICATION	LED: YELLOW



NOTES:

- "/S1154" DESIGNATES WELDGUARD COATED SENSOR TO BE USED AS BASE UNIT. USE PTFE TUBING OVER SENSOR CABLE.
  - PTFE TUBING STARTS AT SENSOR END, AND GETS CAPTURED IN THE CONNECTOR MOLDING MATERIAL.
  - SLIDE 35MM OF SHRINK TUBING TO OVERLAP CONNECTOR MOLD BODY AND PTFE TUBING.
- "/SV" DESIGNATES SPECIAL PACKAGING FOR VENDING MACHINES.

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	MATERIAL	DRFT NF	DATE 01/09/18	DESCRIPTION BI2-EGT08K-AP6X-0.3-RS4T/S1154/SV	
FINISH	APVD A.F.	SCALE 1=1.0	UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		
ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		CONTACT TURCK FOR MORE INFORMATION		IDENTIFICATION NO. 4417073	REV A
A DRAWING RELEASE		NF	01/10/18	DO NOT SCALE THIS DRAWING	
REV	DESCRIPTION	BY	DATE	ECO NO.	FILE: 4417073
					SHEET 1 OF 1