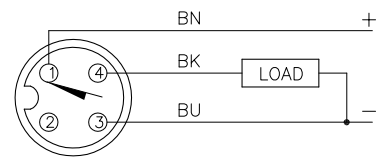


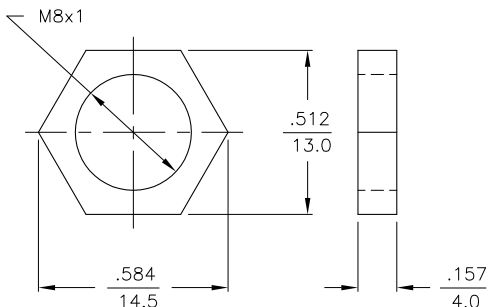
WIRING DIAGRAM



OUTPUT: AP6X

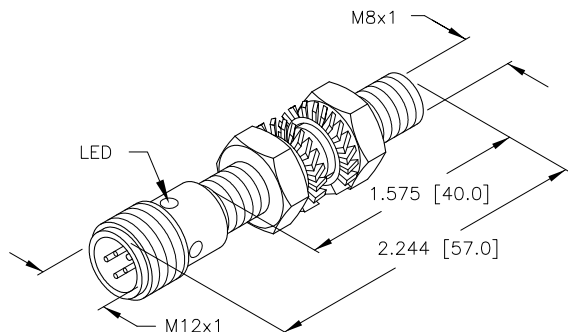
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-SS08



SPECIFICATIONS

RATED OPERATING DISTANCE	1.5 mm = .059" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ±10% ≤ ±15%, ≤ -25°C v ≥ +70°C
HYSTERESIS (SWITCHING DISTANCE)	3-15%
MIN. REPEAT ACCURACY	≤2%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°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 PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE-BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 2 kHz
HOUSING MATERIAL	METAL, A2 1.4301 (AISI 304)
ACTIVE FACE	SEE NOTES
CONNECTOR	M12x1 EUROFAST
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 68
SWITCHING STATUS INDICATION	LED, YELLOW



NOTES:

1. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.
2. MATERIAL:  
 STAINLESS STEEL BARREL  
 STAINLESS STEEL CONNECTOR  
 STAINLESS STEEL LOCKNUTS  
 STAINLESS STEEL LOCKWASHERS
3. THERMOSET LAMINATE SENSING FACE.

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		<b>TURCK INC</b> High Technology Sensors and Automation Controls 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
1. 2. 3. 4.				DRFT	RDS	DATE	11/09/04
MATERIAL		STAINLESS STEEL		DSGN		SCALE	1=1.0
FINISH				UNIT OF MEASUREMENT		DESCRIPTION	
				INCH [ MILLIMETER ]		BI 1.5U-EG08-AP6X-H1341/S1589	
		CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.	REV
						S4600540-1	A
A		DRAWING RELEASE		RDS		11/10/04	
REV		DESCRIPTION		BY		DATE	
						ECO NO.	
FILE: S4600540-1						SHEET 1 OF 1	

A	DRAWING RELEASE	RDS	11/10/04	
REV	DESCRIPTION	BY	DATE	ECO NO.