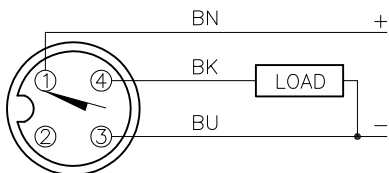


WIRING DIAGRAM

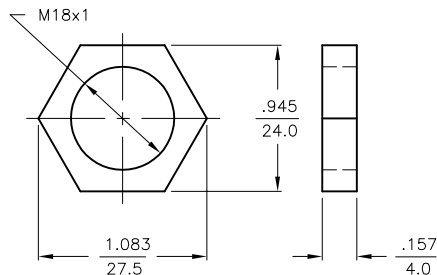
LOCKNUT LN-MT18

SPECIFICATIONS

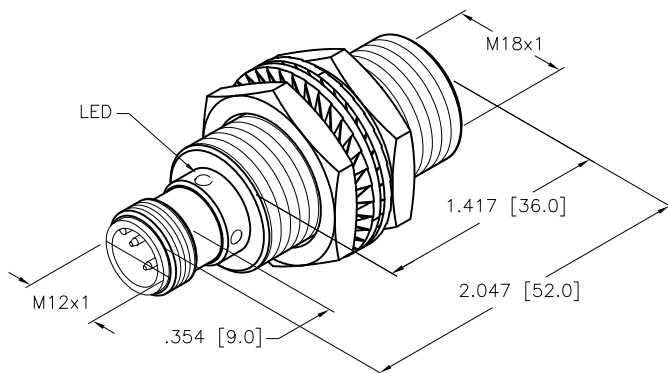


OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



RATED OPERATING DISTANCE	10mm [.394"]
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 1.5 kHz
HOUSING MATERIAL	BRASS, CHROME PLATED, PTFE-COATED
ACTIVE FACE	PLASTIC, LCP-GF30, PTFE-COATED
CONNECTION	M12x1
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. "/S1589" DESIGNATES WELDGUARD COATED FRONT FACE.

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	09/10/15	DESCRIPTION BI10U-MT18-AP6X-H1141/S1589
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD	A.F.	SCALE	1=1.0	
FINISH		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 16448310	REV B
B	UPDATE ID NUMBER PER HARMONIZATION PROJECT		CBM	12/20/17	DO NOT SCALE THIS DRAWING	
REV	DESCRIPTION	BY	DATE	ECO NO.	FILE: 16448310	SHEET 1 OF 1