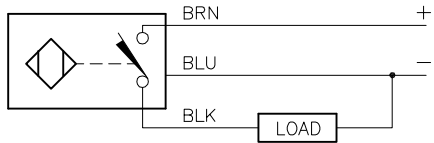


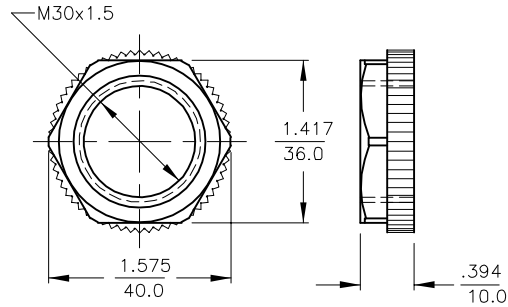
WIRING DIAGRAM



OUTPUT: AP6X

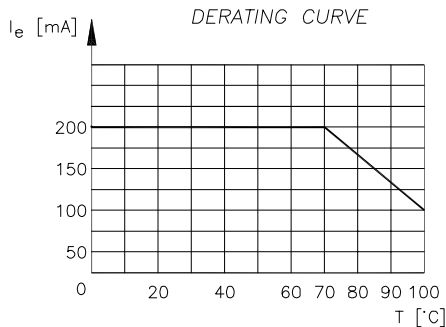
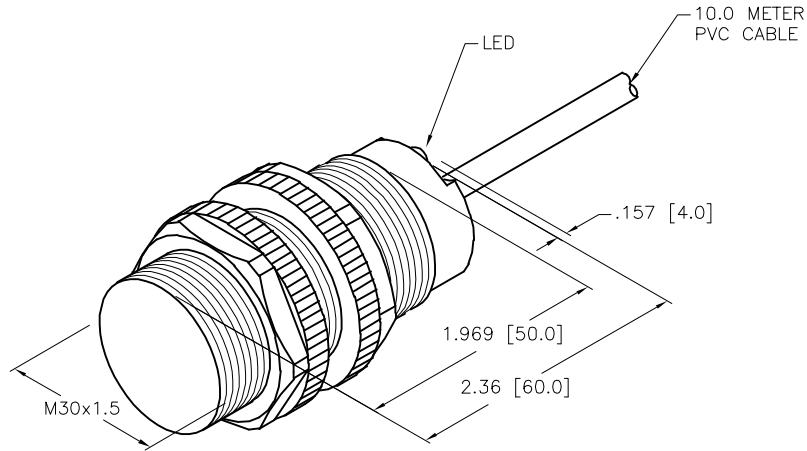
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P30



SPECIFICATIONS

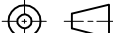
RATED OPERATING DISTANCE	10mm = .394" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ±10% ≤ ±20%, ≥ +70°C
HYSTERESIS	3–15% (5% TYPICAL)
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	–25°C to +100°C (–13°F to +212°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT (DC)	≤ 200 mA
RATED OPERATIONAL CURRENT	SEE DERATING CURVE
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	≤ 0.5 kHz
HOUSING MATERIAL	PLASTIC, PA12–GF20
ACTIVE FACE MATERIAL	PLASTIC, PA12–GF20
END CAP MATERIAL	PLASTIC, EPTR
CABLE	Ø5.2, LiYY–T105, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW



NOTES:

1. "/S100" DESIGNATES MAX. OPERATING TEMPERATURE OF +100°C (+212°F).

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. TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us			
							
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	NF	DATE	06/18/21	DESCRIPTION BI10-S30-AP6X/S100 10M	
		APVD	A.F.	SCALE	1=1.3		
FINISH		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT			IDENTIFICATION NO. 4659007	REV A
			INCH [MILLIMETER]				
		DO NOT SCALE THIS DRAWING			FILE: 4659007	SHEET 1 OF 1	

A	DRAWING RELEASE	NF	06/18/21	
REV	DESCRIPTION	BY	DATE	ECO. NO.