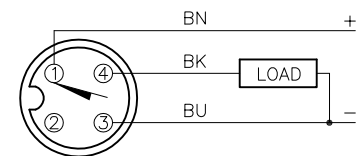


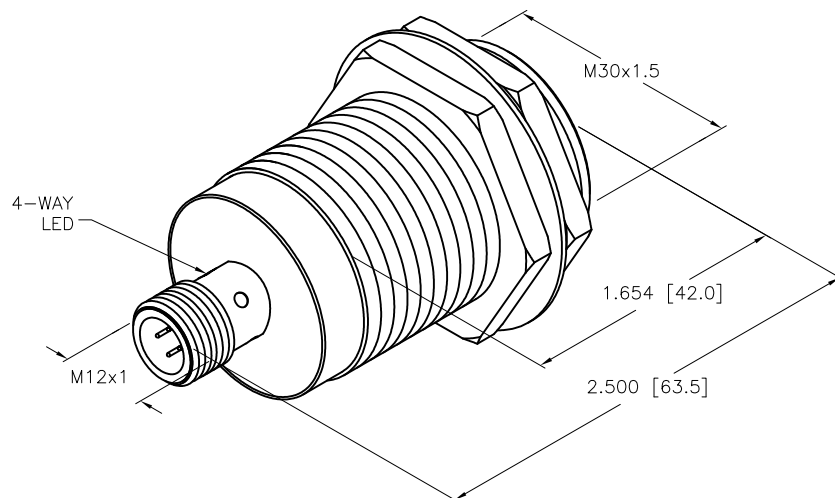
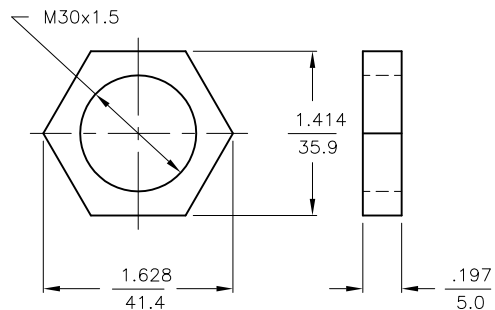
WIRING DIAGRAMS



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-SS30 (PTFE-COATED)



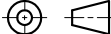
SPECIFICATIONS

RATED OPERATING DISTANCE	20mm = .787"
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 5%
TEMPERATURE DRIFT	≤ ±10%
STATIC PRESSURE	≤ 40 BAR
HYSTERESIS	15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 20%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 10 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 2.0 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
HOUSING MATERIAL	1.4305 STAINLESS STEEL (PTFE-COATED)
ACTIVE FACE MATERIAL	1.4305 STAINLESS STEEL
ADMISSIBLE PRESSURE ON FRONT CAP	≤ 20 BAR
CONNECTOR	M12x1
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP68/IP69K
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S1589" DESIGNATES WELDGUARD LAMINATE COATED FRONT FACE.

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	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	05/21/14	DESCRIPTION BI20-EGT30F-AP6X-H1141/S1589		
		APVD	A.F.	SCALE	1=1.0			
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]				IDENTIFICATION NO. 46147101		REV B
		DO NOT SCALE THIS DRAWING						
		FILE: 46147101				SHEET 1 OF 1		