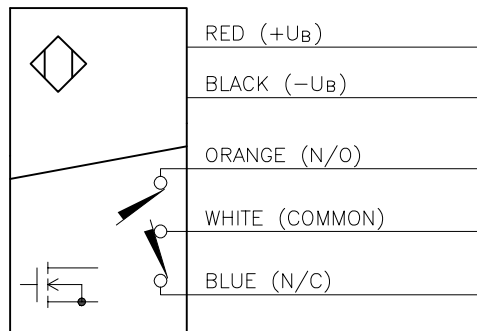


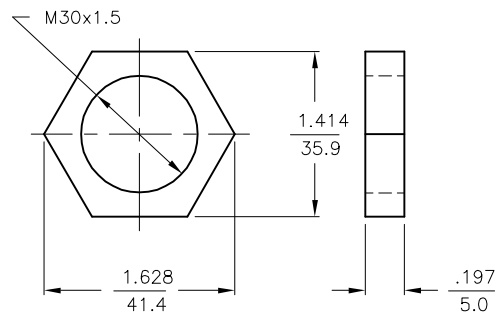
WIRING DIAGRAMS



OUTPUT: VM6

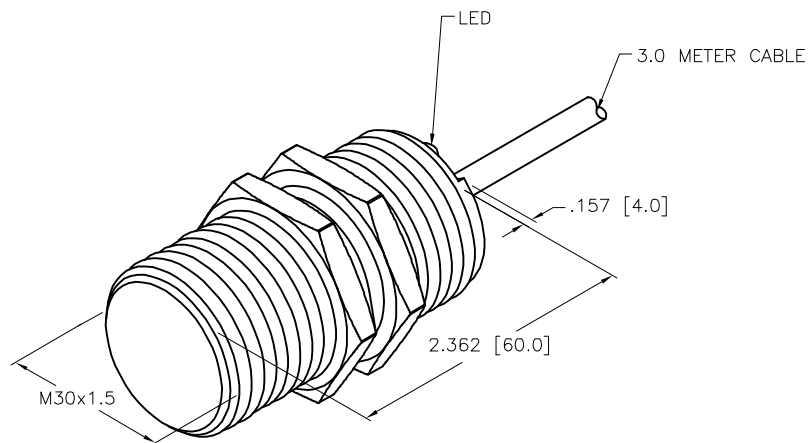
WARNING: NO SHORT-CIRCUIT PROTECTION

LOCKNUT LN-M30



SPECIFICATIONS

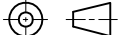
RATED OPERATING DISTANCE	12mm = .472"
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10% ≤ ±20%, ≤ -25°C
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT (AC/DC)	≤ 6000 mA (AC)/≤ 6000 mA (DC)
RATED OUTPUT VOLTAGE (AC/DC)	≤ 28 VAC/≤ 30 VDC
OUTPUT LOAD	≤ 180 W
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SURGE CURRENT	≤ 8.0 A (≤ 10.0 ms MAX. 5 Hz)
SHORT-CIRCUIT PROTECTION	NO
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	5-WIRE, COMPLIMENTARY, MOSFET OUTPUT
SMALLEST OPERATING CURRENT	≥ 40 mA
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	METAL, BRASS/CHROME-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, TROGAMID T
CABLE	ø7.2, PVC, 5x18 AWG
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW



NOTES:

1. "/S97" DESIGNATES LOW OPERATING TEMPERATURE RATING OF -40°C.

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	
	MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	RDS	DATE	08/04/11	DESCRIPTION BI12-G30-VM6/37X/S97 3M		
			APVD		SCALE	1=1.3			
FINISH	UNIT OF MEASUREMENT INCH [MILLIMETER]				IDENTIFICATION NO.		REV		
	DO NOT SCALE THIS DRAWING				17112900		B		
						FILE: 17112900		SHEET 1 OF 1	

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	02/26/18	
REV	DESCRIPTION	BY	DATE	ECO NO.