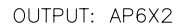


WIRING DIAGRAM

OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



Technical drawing of a square connector. The drawing shows a perspective view of the component, which is a square block with a threaded rod passing through it. The dimensions are as follows:

- Overall width: 1.969 [50.0]
- Overall height: 1.142 [29.0]
- Inner width: 1.142 [29.0]

REV	DESCRIPTION
B	UPDATE ID NUMBER PER HARMONIZATION PROJECT

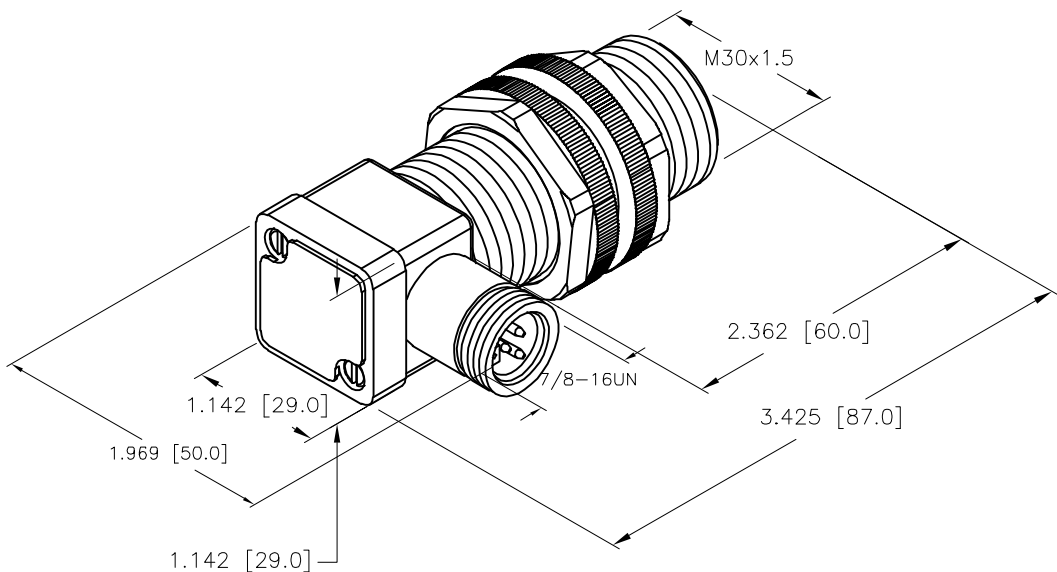
LOCKNUT LN-P30

M30x1.5


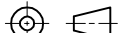
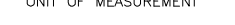
1.575 [40.0]

1.417 [36.0]

.394 [10.0]



SPECIFICATIONS	
RATED OPERATING DISTANCE	10mm [.394"]
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2.0%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3–15%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
OPERATING VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO–LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTED	YES
VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE–BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	3–WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	PLASTIC, ABS
ACTIVE FACE MATERIAL	PLASTIC, ABS
CONNECTION	7/8–16UN
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

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 SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	01/20/12		
		APVD	J.M.	SCALE	1 = 1.3		
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT			DESCRIPTION		
					B110-P30SK-AP6X2-B1141		
		DO NOT SCALE THIS DRAWING			IDENTIFICATION NO.		REV
					4659992		B
					FILE: 4659992		SHEET 1 OF 1