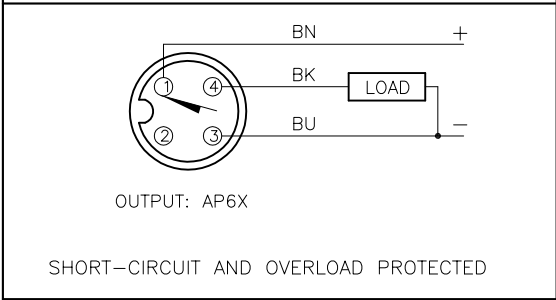
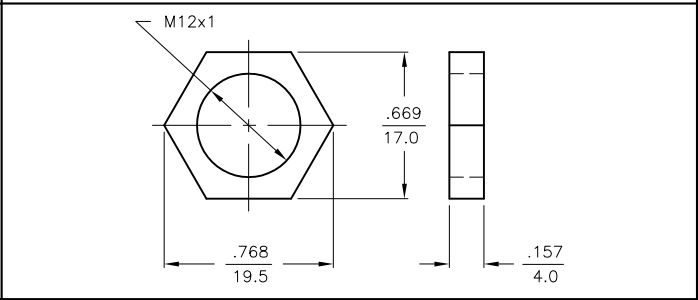


WIRING DIAGRAM



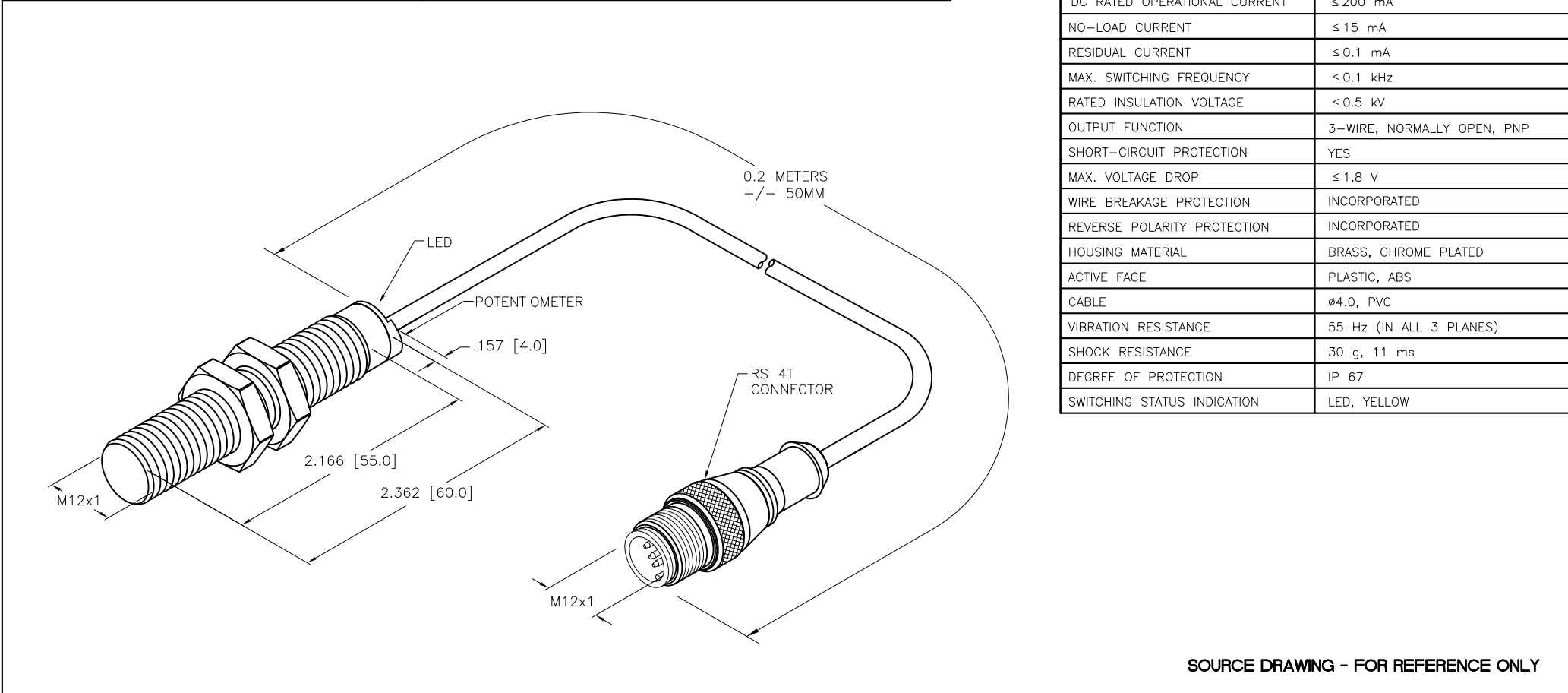
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12

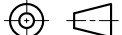


SPECIFICATIONS	
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RATED OPERATING DISTANCE	3mm [.118]
MOUNTING MODE	FLUSH or NON-FLUSH
TEMPERATURE DRIFT	$\leq \pm 20\%$
HYSTERESIS	2-20%
MIN. REPEAT ACCURACY	$\leq 2\%$
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	$\leq 10\%$
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	BRASS, CHROME PLATED
ACTIVE FACE	PLASTIC, ABS
CABLE	$\varnothing 4.0$, 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



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 SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT NF			DATE 02/16/17	DESCRIPTION BC3-M12-AP6X-0.2-RS4T
FINISH SEE NOTES	APVD		SCALE 1=1.0	IDENTIFICATION NO. 2601091	REV C		
		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING			FILE: 2601091		SHEET 1 OF 1

C	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	01/30/18	
REV	DESCRIPTION	BY	DATE	ECO NO.