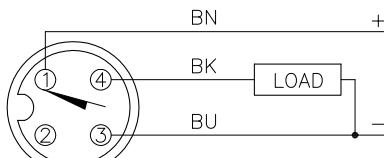


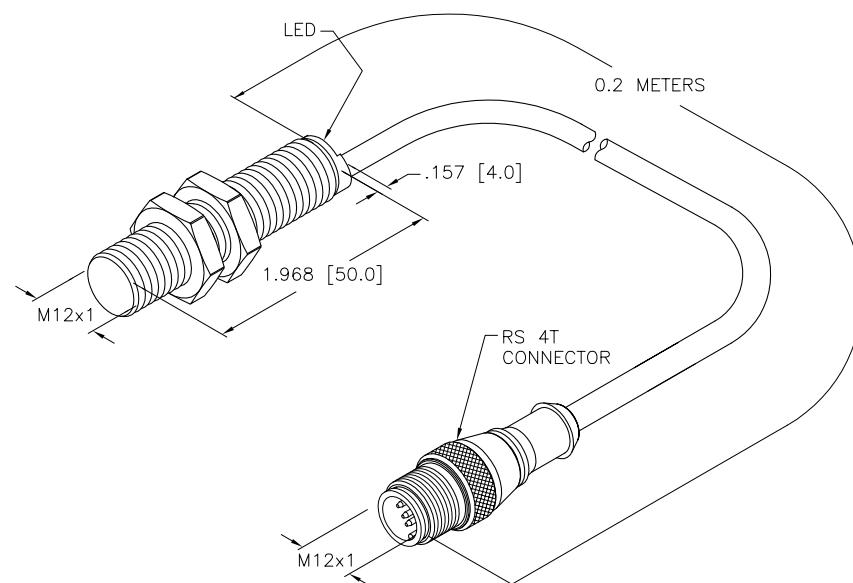
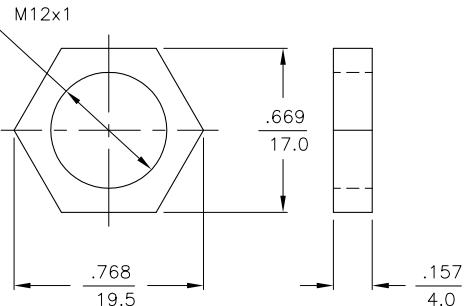
## WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

## LOCKNUT LN-M12



## SPECIFICATIONS

RATED OPERATING DISTANCE	2mm [.079"]
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3–15%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
DC OPERATIONAL CURRENT	≤ 200 mA
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	≤ 2.0 kHz
HOUSING MATERIAL	BRASS, CHROME-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF20
CABLE	Ø5.2, 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		3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		DRFT SWC APVD	DATE 03/08/96 SCALE 1=1.3	DESCRIPTION	
1.	2.	3.	4.	BI 2-G12-AP6X-0.2M-RS 4T				
MATERIAL	SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	FINISH	SEE SPECIFICATIONS	UNIT OF MEASUREMENT	INCH [ MILLIMETER ]	IDENTIFICATION NO.	REV
					DO NOT SCALE THIS DRAWING		T4635481	A
A	DRAWING RELEASE	RDS	01/27/03	5582	BY	DATE	ECO NO.	FILE: T4635481
REV	DESCRIPTION							SHEET 1 OF 1