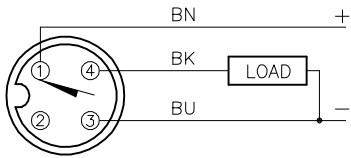


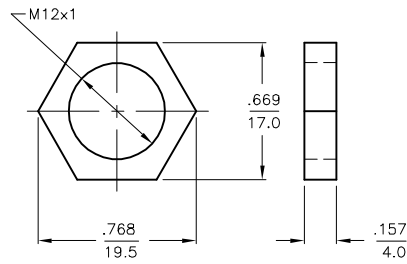
WIRING DIAGRAM



OUTPUT: AP6X

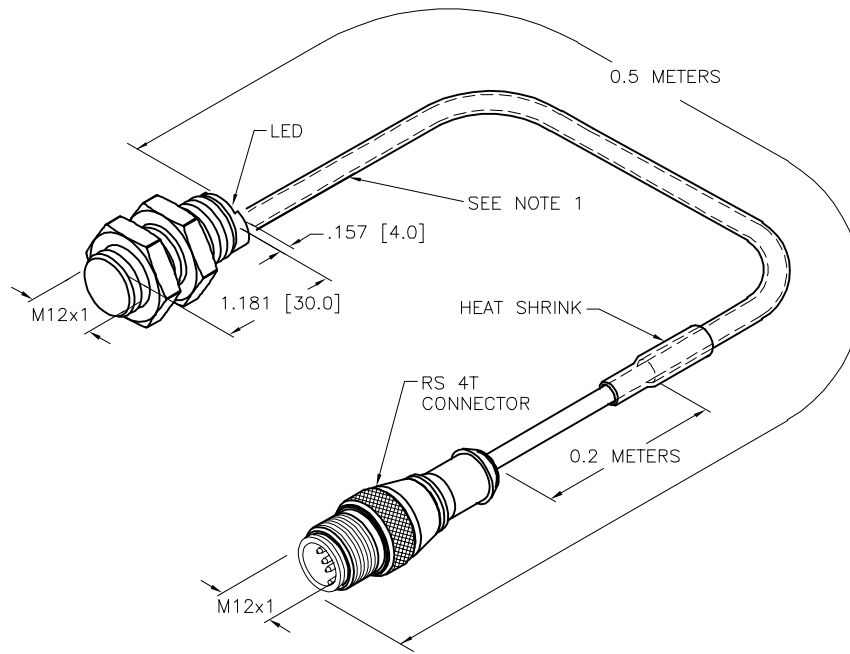
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-MT12



SPECIFICATIONS

RATED OPERATING DISTANCE	4mm = 0.157"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	1-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ ±10%
DC RATED OPERATIONAL CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 0.6 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 5 V
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
HOUSING MATERIAL	BRASS/PTFE-COATED
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
CABLE	∅5.3, PVC
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



NOTES:

1. "/S1765" DESIGNATES WELDGUARD COATED SENSOR WITH SILICONE SLEEVING. SLEEVE STARTS ON SENSOR END, AND COVERS ALL BUT 200MM OF CABLE HELD IN PLACE BY SHRINK TUBE.

2. "/SV" DESIGNATES SPECIAL PACKAGING FOR VENDING MACHINES.

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				DESCRIPTION BI4-GT12K-AP6X-0.5-RS4T/S1765/SV
MATERIAL SEE NOTES	DRFT NF APVD A.F.	DATE 01/11/18 SCALE 1=1.3	IDENTIFICATION NO. 46702804 REV A	
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		
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REV DESCRIPTION	BY DATE ECO NO.			