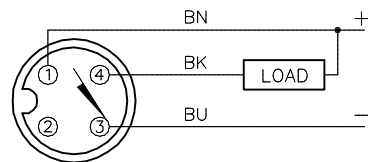


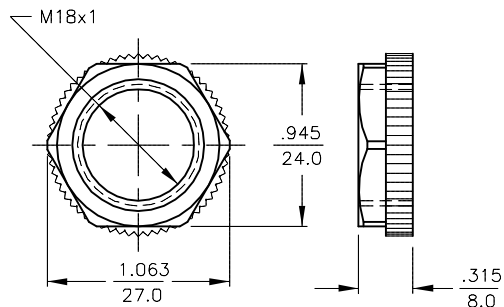
WIRING DIAGRAM



OUTPUT: AN6X

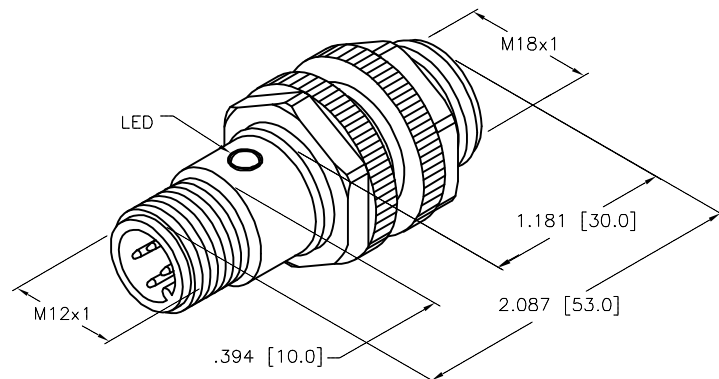
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P18

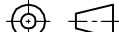


SPECIFICATIONS

RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
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	≤ 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, NPN
SWITCHING FREQUENCY	≤ 10.5 kHz
HOUSING MATERIAL	PLASTIC, PA
ACTIVE FACE MATERIAL	PLASTIC, PA
CONNECTOR	M12x1
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW



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MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	GMB	DATE	5/09/89	DESCRIPTION NI 8-S18-AN6X-H1141	
		DSGN		SCALE	1=1.0		
SEE NOTES		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT			IDENTIFICATION NO. T4652700	
FINISH			INCH [MILLIMETER]				
SEE NOTES		DO NOT SCALE THIS DRAWING			FILE: T4652700		REV A
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