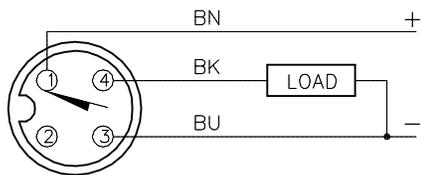


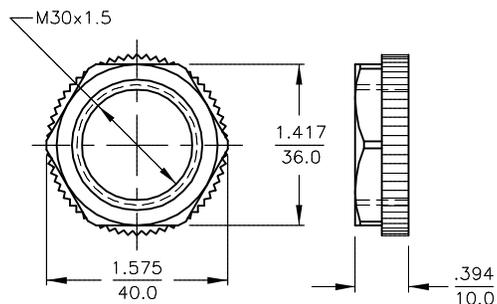
WIRING DIAGRAM



OUTPUT: AP6X

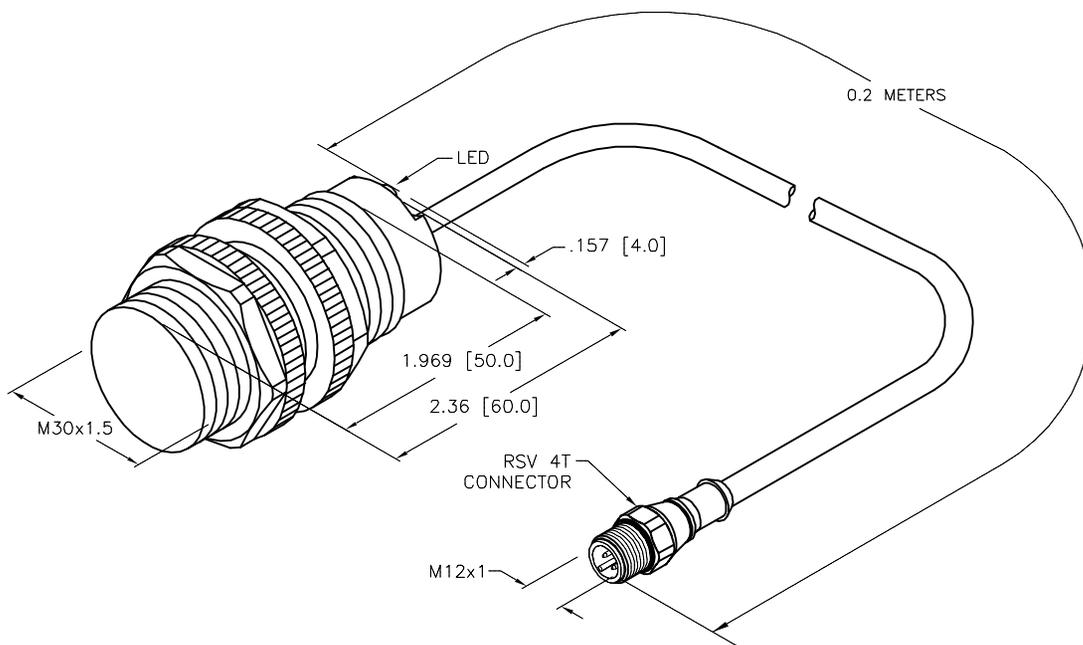
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P30



SPECIFICATIONS

RATED OPERATING DISTANCE	20mm = .787"
MOUNTING MODE	NON-FLUSH, PARTIAL EMBEDDING POSSIBLE
REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10% ≤ ± 20%, ≤ -25°C v ≥ +70°C
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
OPERATING VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 20 mA
RESIDUAL CURRENT	≤ 0.1 mA
SWITCHING FREQUENCY	≤ 1.5 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 BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PA12-GF30
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, EPTR
CABLE	Ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION DEGREE	IP68
SWITCHING STATUS INDICATION	LED; YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.

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	MATERIAL SEE	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT RDS DATE 01/08/10	DESCRIPTION NI20U-S30-AP6X-0.2-RSV4T	
FINISH SPECS	APVD SCALE 1=1.8		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 1646590
C UPDATE DESCRIPTION RDS 08/28/20 76126	REV DESCRIPTION BY DATE ECO NO.	DO NOT SCALE THIS DRAWING			FILE: 1646590 SHEET 1 OF 1