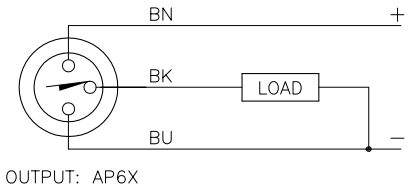
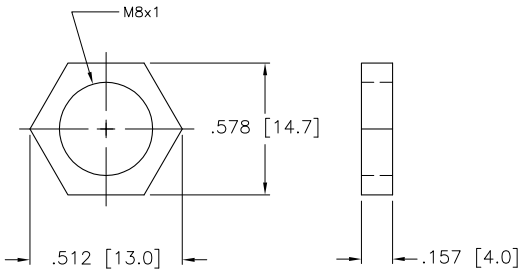
WIRING DIAGRAM

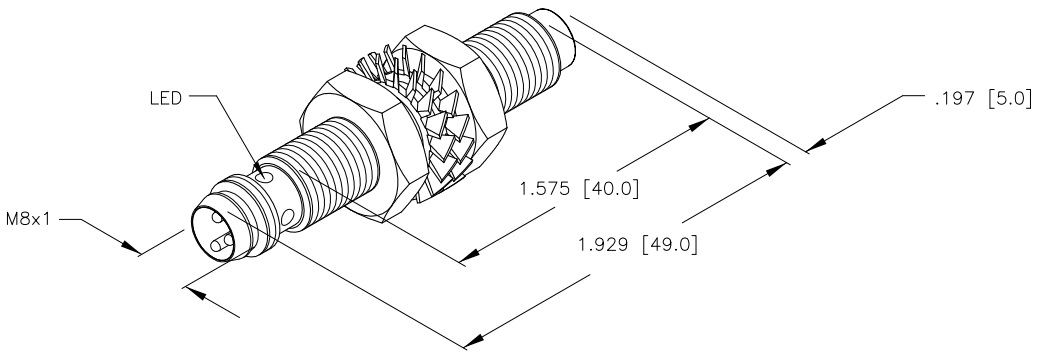


OUTPUT: AP6X

SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–SS08





SPECIFICATIONS

RATED OPERATING DISTANCE	4mm [.158]
MOUNTING MODE	NON–FLUSH
TEMPERATURE DRIFT	≤±10% ≤±15%, ≤ –25°C v ≥± 70°C
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	–30°C to +85°C (–22°F to +185°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 150 mA
NO–LOAD CURRENT	≤ 15 mA
MAX. OFF–STATE 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 kHz
HOUSING MATERIAL	METAL, A2 1.4301 (AISI 304)
ACTIVE FACE	PLASTIC, PA12–GF20
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 68
SWITCHING STATUS INDICATION	LED, YELLOW

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	RDS	11/22/04	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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TURCK INC
High Technology Sensors and Automation Controls
3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1–800–544–7769
(763) 553–7300
(763) 553–0708 fax
turck.com

MATERIAL
SEE SPECIFICATIONS

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UNIT OF MEASUREMENT
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DESCRIPTION
NI 4U–EG08–AP6X–V1131

IDENTIFICATION NO. S4600620 | REV A

FILE: S4600620 | SHEET 1 OF 1