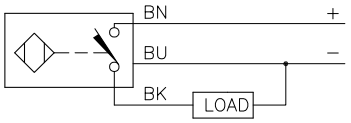
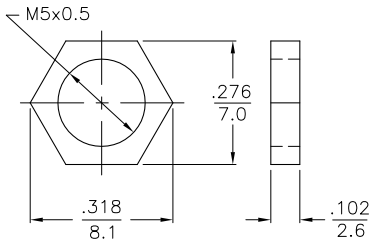
WIRING DIAGRAM



OUTPUT: AP6X

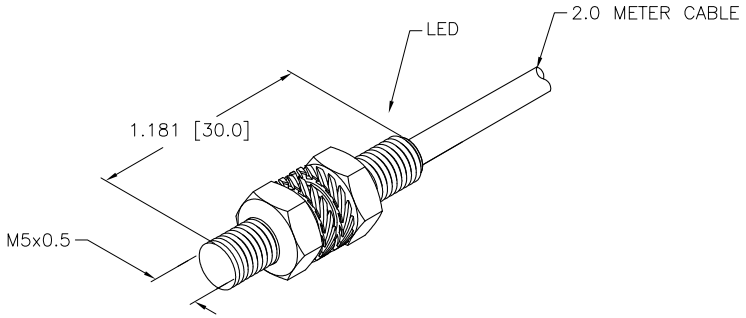
SHORT–CIRCUIT AND OVERLOAD PROTECTION

LOCKNUT LN–SS5



SPECIFICATIONS

RATED OPERATING DISTANCE	1.0 mm = .039" (NOMINAL)
MOUNTING MODE	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
RIPPLE	≤10%
RATED OPERATIONAL CURRENT (DC)	≤100 mA
NO–LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTED	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	≤ 3.0 kHz
HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L)
ACTIVE FACE MATERIAL	PLASTIC, PA12–GF20
CABLE	ø3.0, LifYY–11Y, TPU
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



NOTE
PRELIMINARY SPECIFICATIONS

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MATERIAL SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT IK DSGN	DATE 01/27/00 SCALE 1=.8	DESCRIPTION Bi 1–EG05–AP6X
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT **INCH [MILLIMETER]** DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. S4609740 REV P2
				FILE: S4609740 SHEET 1 OF 1

REV	DESCRIPTION	BY	DATE	ECO NO.
P2	DRAWING PROCESSED AS PART OF ECO 33971	CBM	04/06/11	33971