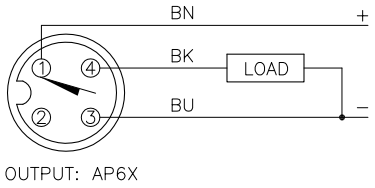
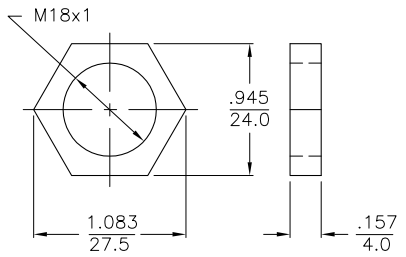
WIRING DIAGRAM



OUTPUT: AP6X

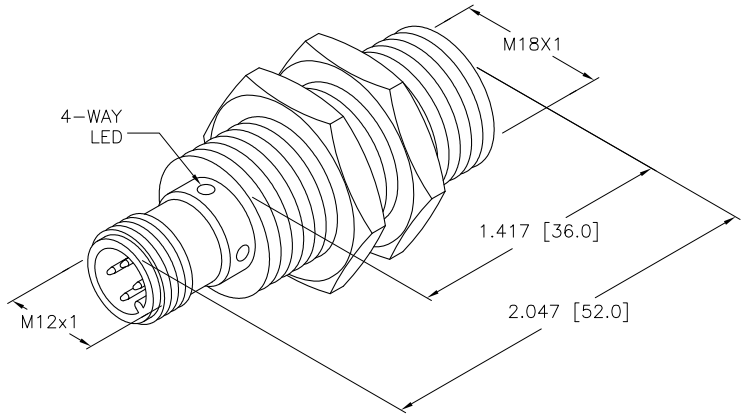
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–M18



SPECIFICATIONS

RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS (SWITCHING DISTANCE)	3–15%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
OPERATING 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 PROTECTED	YES
MAX VOLTAGE DROP	≤ 1.8 V
WIRE–BREAKAGE PROTECTION	YES
REVERSE POLARITY PROTECTION	YES
OUTPUT FUNCTION	3–WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	BRASS/CHROME–PLATED
ACTIVE FACE MATERIAL	PLASTIC, PA12–GF30
CONNECTOR	M12x1
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



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3RD ANGLE PROJECTION

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MATERIAL: SEE SPECIFICATIONS

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UNIT OF MEASUREMENT
INCH [MILLIMETER]
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