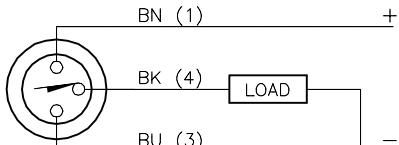


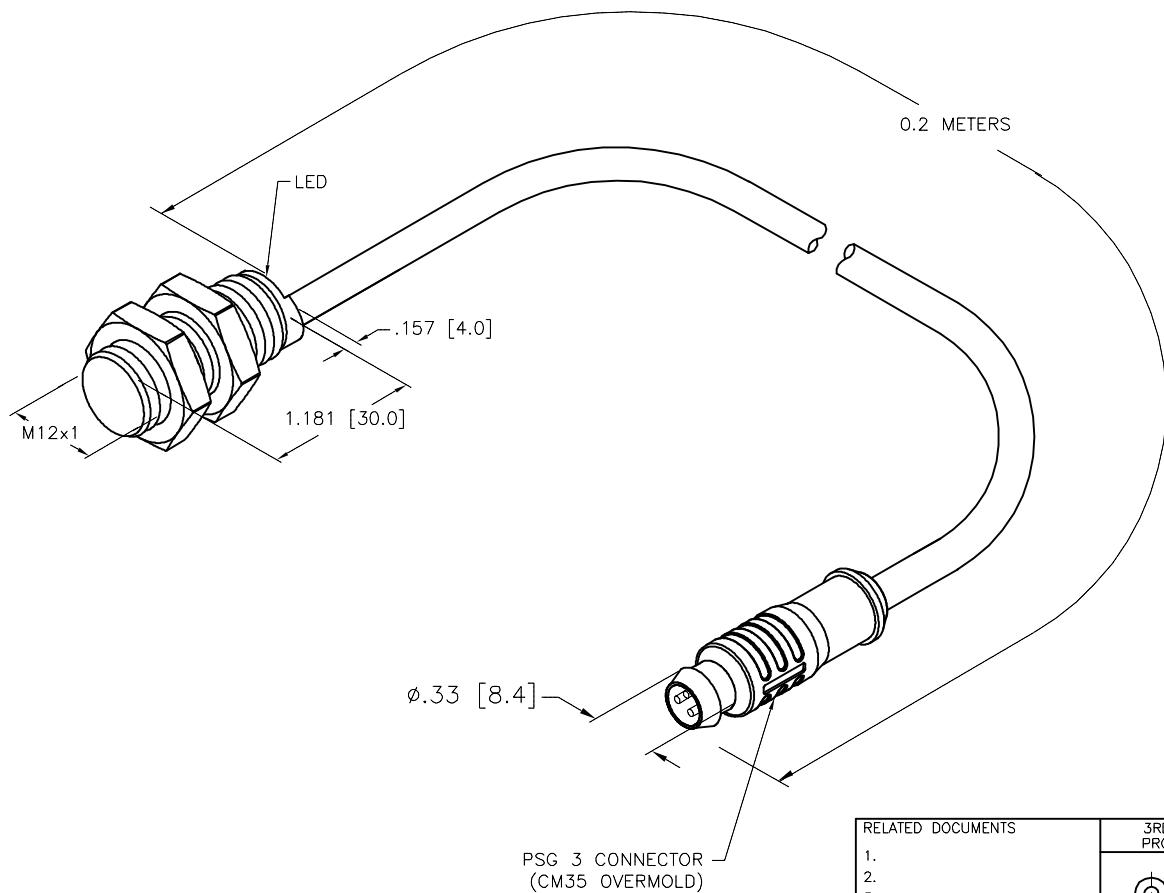
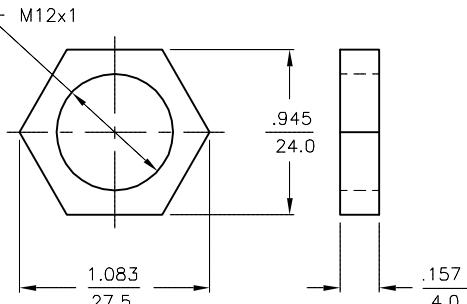
WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12

PSG 3 CONNECTOR
(CM35 OVERMOLD)

SPECIFICATIONS

RATED OPERATING DISTANCE	2 mm = .078" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
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, PNP
MAX. SWITCHING FREQUENCY	≤ 2.0 kHz
HOUSING MATERIAL	BRASS, CHROME-COATED
ACTIVE FACE	PLASTIC, PA12-GF30
CABLE	Ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

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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