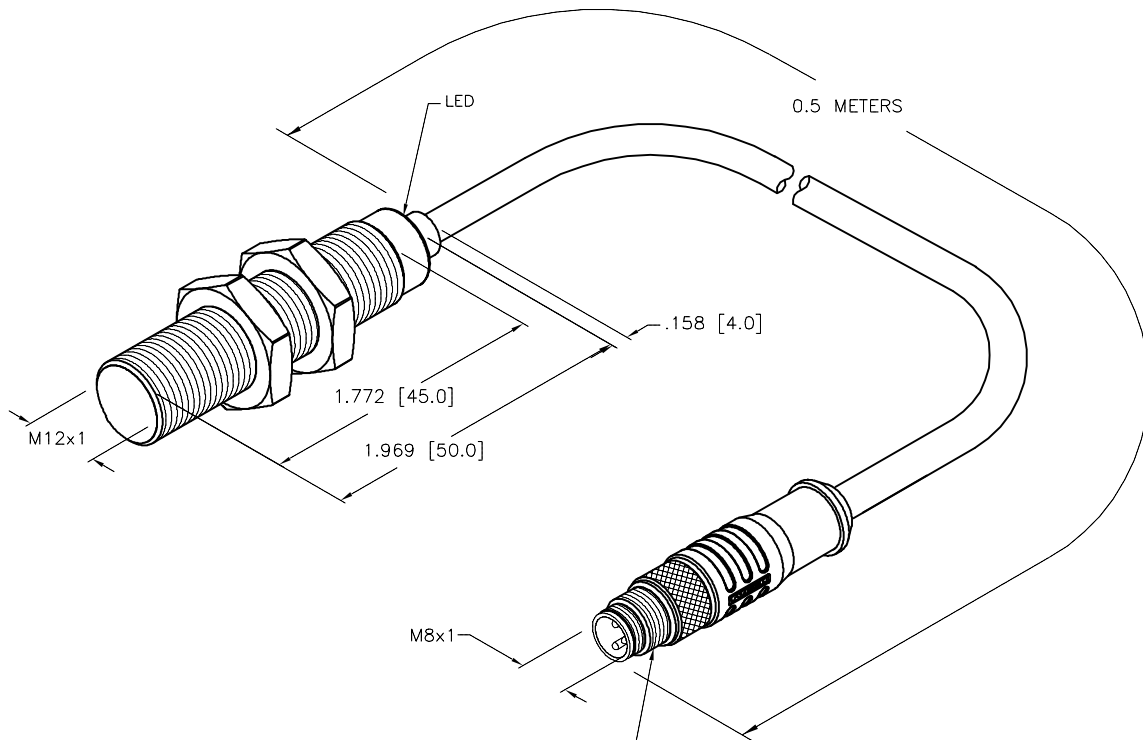


SPECIFICATIONS

RATED OPERATING DISTANCE	3mm [.118]
MOUNTING MODE	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
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 kHz
HOUSING MATERIAL	BRASS, CHROME PLATED
ACTIVE FACE	PLASTIC, LCP-GF30
END CAP	PLASTIC, EPTR
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 68
SWITCHING STATUS INDICATION	LED, YELLOW



PSG 3M CONNECTOR
(CM35 OVERMOLD)

SOURCE DRAWING - FOR REFERENCE ONLY

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	MATERIAL SEE NOTES	DRFT RDS APVD	DATE 01/18/10 SCALE 1=1.0	DESCRIPTION BI 3U-M12-AP6X-0.5M-PSG 3M	
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. M16341980	REV B
B UPDATE PICOFAST COUPLING NUT PER ECO	KMY 05/21/13	40191	DO NOT SCALE THIS DRAWING		
REV DESCRIPTION	BY DATE ECO NO.	FILE: M16341980		SHEET 1 OF 1	