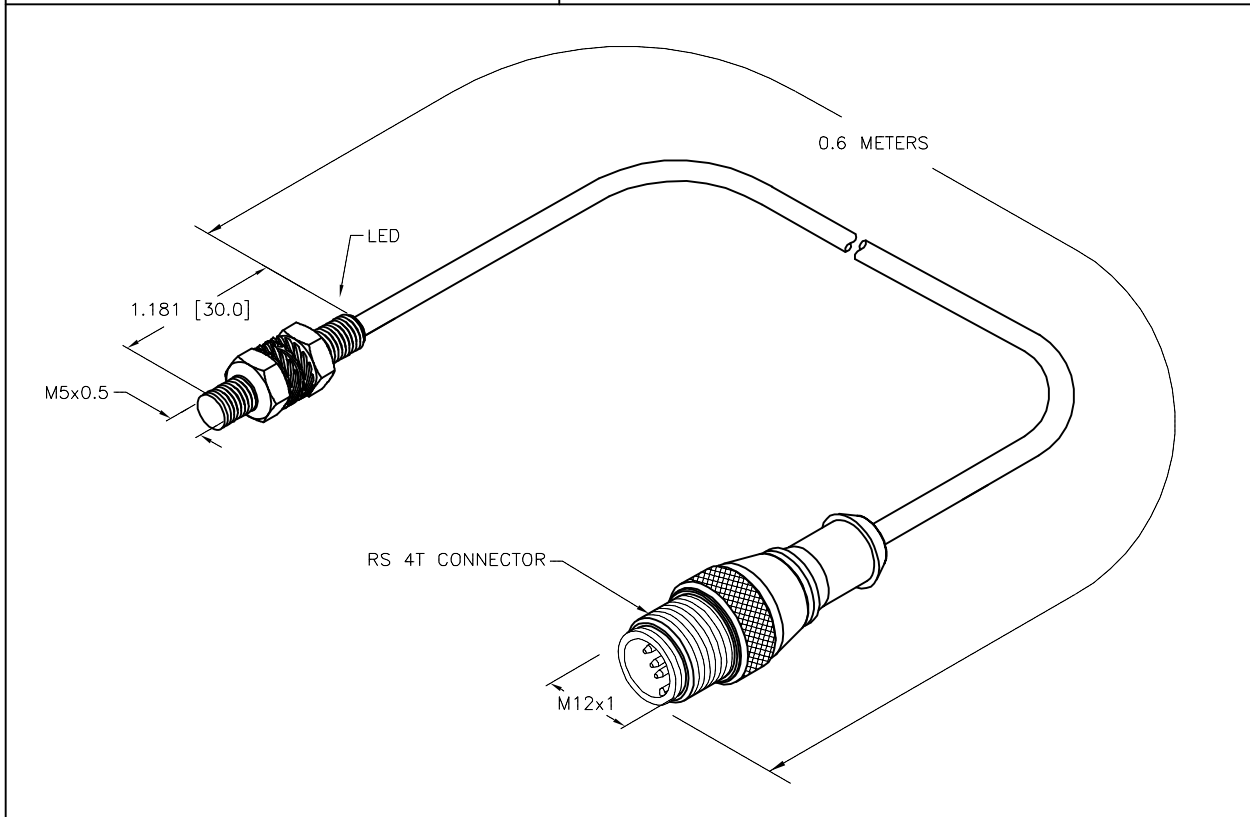


SPECIFICATIONS

RATED OPERATING DISTANCE	1.0 mm = .039"
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10% ≤ ± 20%, ≤ 0°C
HYSTERESIS	3-15%
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	≤ 100 mA
NO-LOAD CURRENT	≤ 20 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	≤ 2.0 kHz
HOUSING MATERIAL	SST, 1.4427
ACTIVE FACE MATERIAL	PLASTIC, PA
CABLE	ø3.0, LfY-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**

SOURCE DRAWING - FOR REFERENCE ONLY

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	MATERIAL SEE NOTES	DRFT RDS APVD A.F.	DATE 01/14/19 SCALE 1=1.0	DESCRIPTION BI1U-EG05-AP6X-0.6-RS4T	
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 4602188	REV P1
P1 DRAWING RELEASE PENDING	RDS 01/14/19	DO NOT SCALE THIS DRAWING		FILE: 4602188	SHEET 1 OF 1
REV DESCRIPTION	BY DATE ECO NO.				