

WIRING DIAGRAM

OUTPUT: Y1X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P30

M30x1.5

1.417

36.0

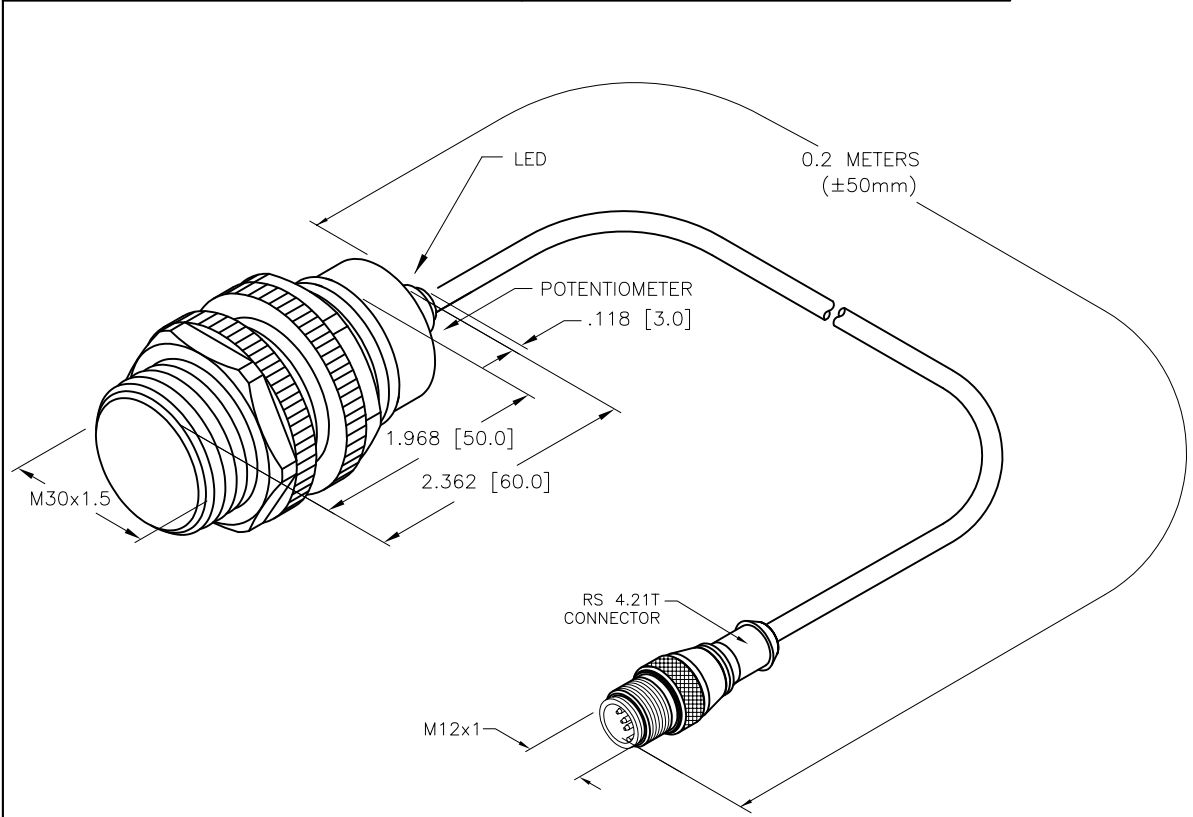
1.575

40.0

.394

10.0

SPECIFICATIONS	
RATED OPERATING DISTANCE	10mm = .394" (FLUSH MOUNTED)
RATED OPERATING DISTANCE	15mm = .591" (NON-FLUSH MOUNTED)
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ± 20%
HYSTERESIS	1-20%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	8.2 VDC
NON-ACTUATED CURRENT CONSUMPTION	≤ 1.2 mA
ACTUATED CURRENT CONSUMPTION	≥ 2.1 mA
SWITCHING FREQUENCY	≤ 0.1 kHz
OUTPUT FUNCTION	2-WIRE, NAMUR
APPROVAL ACCORDING TO:	KEMA 02 ATEX 1090X
INTERNAL INDUCTANCE (L <sub>i</sub> )/CAPACITANCE (C <sub>i</sub> )	150 nF/150 μH
MARKING ON THE DEVICE	II 1 G EEx ia IIC T4/ II 1 D T 115°C IP67 (max. U <sub>i</sub> = 20 V, I <sub>i</sub> = 20 mA, P = 200 mW)
HOUSING MATERIAL	PLASTIC, PA12-GF30
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
CABLE	ø5.2, PVC
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



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.  
2.  
3.  
4.

3RD ANGLE PROJECTION

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DRFT NF

DATE 02/21/17

APVD

SCALE 1=1.5

UNIT OF MEASUREMENT

INCH [ MILLIMETER ]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE  
MINNEAPOLIS, MN 55441  
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DESCRIPTION  
BC10-S30-Y1X-0.2M-RS4.21T

IDENTIFICATION NO.  
2010093

REV  
B

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.