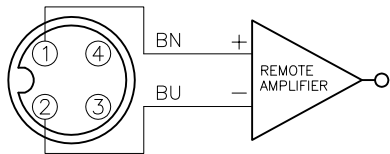


WIRING DIAGRAM

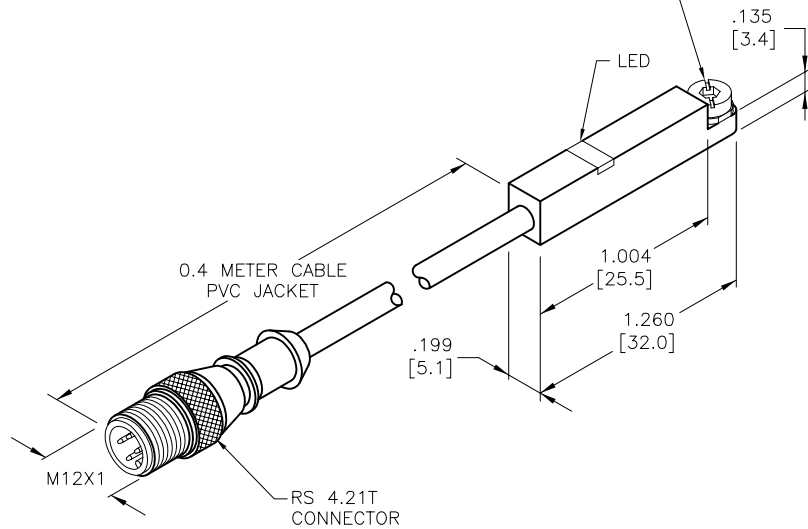


OUTPUT: Y1X

SPECIFICATIONS

PASS SPEED	≤ 10 m/second
HYSTERESIS	≤ 1 mm
TEMPERATURE DRIFT	≤ 0.1 mm
REPEAT ACCURACY	≥ ± 0.1 mm
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
VOLTAGE	8.2 VDC NOMINAL
NON-ACTUATED CURRENT CONSUMPTION	≤ 1.2 mA
ACTUATED CURRENT CONSUMPTION	≥ 2.1 mA
SWITCHING FREQUENCY	≤ 1 kHz
OUTPUT FUNCTION	2-WIRE, NAMUR
APPROVAL ACCORDING TO:	KEMA 01 ATEX 1264X
INTERNAL INDUCTANCE (L _i)/CAPACITANCE (C _i)	30 nF/50 μH * VALUES FOR PRE-ASSEMBLED CABLES UP TO 10 METERS
MARKING ON THE DEVICE	⊕ II 2 G EEa ia IIC T5/ II 1 D T 95°C IP67 (max. U _i = 15 V, I _i = 60 mA, P _i = 100 mW)
HOUSING MATERIAL	PLASTIC, PA12
MATERIAL; ACTIVE AREA	PLASTIC, PA12
CABLE	∅ 3.0, LifYY, PVC
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

USE 1.5mm ALLEN WRENCH OR STRAIGHT BLADE SCREWDRIVER



CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

* UNLESS OTHERWISE SPECIFIED

NOTES:

- MATERIALS:
HOUSING - PA12 LASTIC
CONNECTOR - BRASS/NICKEL-PLATED
MTG SCREW - STAINLESS STEEL

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1.		DRFT	RDS	DATE	07/17/06
2.		APVD	TB	SCALE	NONE
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		INCH [MILLIMETER]		BIM-INT-Y1X-0.4M-RS4.21T W/M	
MATERIAL	SEE NOTES	IDENTIFICATION NO.		REV	
FINISH	SEE NOTES	1056893		C	
CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		FILE: 1056893 SHEET 1 OF 1	

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