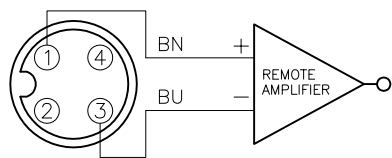
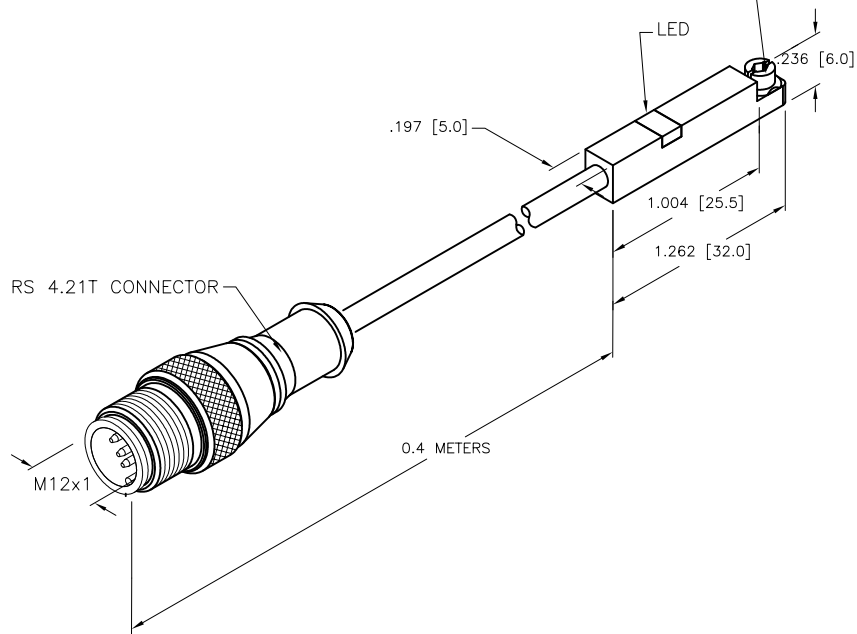


WIRING DIAGRAM



OUTPUT: Y1X

USE 1.5mm ALLEN WRENCH OR STRAIGHT BLADE SCREWDRIVER



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 EEx 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, PVC
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

NOTES:

1. "/S561" DESIGNATES WIRING 1-BN, 3-BU.

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.		 <p>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us</p>	
1.	2.	3.	4.	DRFT	RDS	DATE	12/04/13
MATERIAL				APVD	A.F.	SCALE	1=1.0
SEE NOTES				UNIT OF MEASUREMENT		DESCRIPTION	
SEE NOTES				INCH [MILLIMETER]		BIM-INT-Y1X-0.4-RS4.21T/S561 W/M	
CONTACT TURCK FOR MORE INFORMATION				DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.	
C				UPDATE ID NUMBER PER HARMONIZATION PROJECT		10568000	
REV				DESCRIPTION		C	
BY				DATE		ECO NO.	
12/20/17						FILE: 10568000	
						SHEET 1 OF 1	