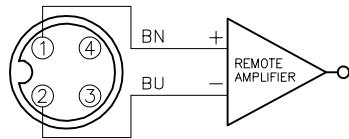
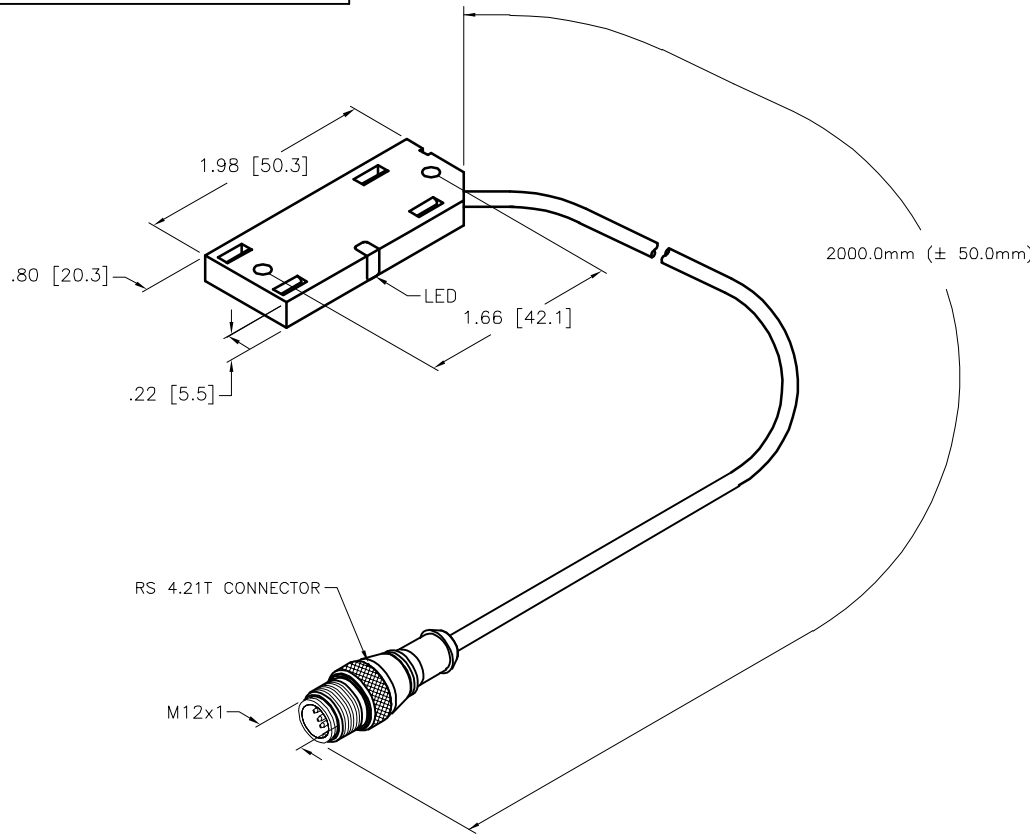


WIRING DIAGRAM



OUTPUT: Y1X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	5 mm = .197" (NOMINAL)
MOUNTING MODE	FLUSH, NON-FLUSH
TEMPERATURE DRIFT	≤ ± 20%
HYSTERESIS	1-20%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	8.2 VDC NOMINAL
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 _i)/CAPACITANCE (C _i)	150 nF/150 μH
DEVICE DESIGNATION	II 2 G EEx ia IIC T6 (max. U _i = 20 V, I _i = 60 mA, P _i = 80 mW)
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE MATERIAL	PLASTIC, PP
CONNECTION	M12x1
CABLE	∅ 3.2, LifYY, PVC
VIBRATION RESISTANCE	<55 Hz, <1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	<30 g, <11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S250" DESIGNATES CAPACITIVE SENSOR W/FIXED CALIBRATION.

RELATED DOCUMENTS 1. 2. 3. 4.	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	
			DRFT NF	DATE 06/21/18
MATERIAL SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	APVD J.S.	SCALE 1=1.7	IDENTIFICATION NO. 2690098
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]		REV B
B UPDATE TOLERANCE	NF	06/12/26	81895	FILE: 2690098
REV DESCRIPTION	BY	DATE	ECO NO.	SHEET 1 OF 1