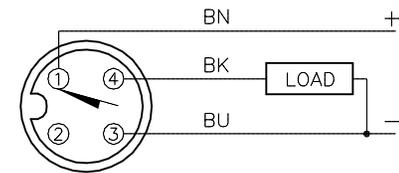
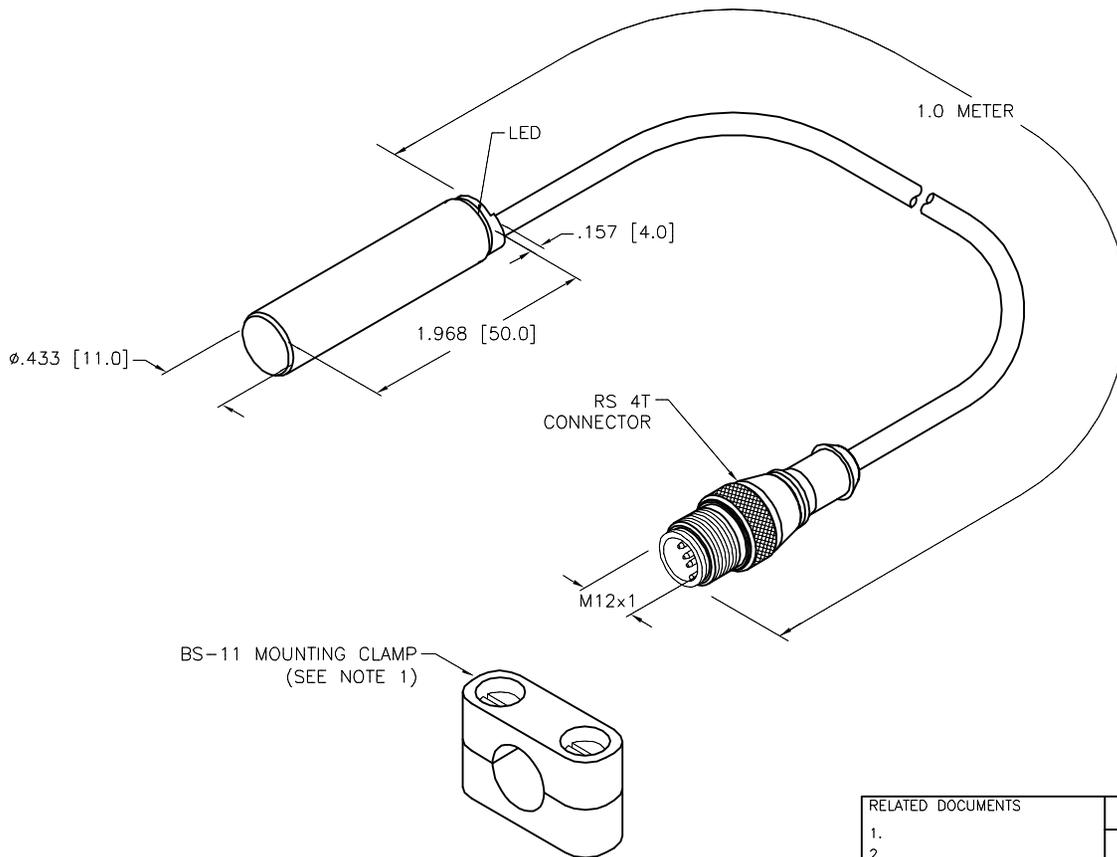


WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



NOTES:
1. INCLUDES BS11 CLAMP.

SPECIFICATIONS

RATED OPERATING DISTANCE	5 mm [.197"]
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	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	≤ 1.5 kHz
HOUSING MATERIAL	PLASTIC, PA12-GF20
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
CABLE	∅5.2, LifYY, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

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	04/30/08
2.				APVD		SCALE	1=1.3
3.		UNIT OF MEASUREMENT				DESCRIPTION	
4.		INCH [MILLIMETER]				NI5-K11-AP6X-1-RS4T	
MATERIAL		SEE SPECIFICATIONS		CONTACT TURCK FOR MORE INFORMATION		IDENTIFICATION NO.	
FINISH		SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING		1668298	
REV		DESCRIPTION		FILE: 1668298		REV	
C	UPDATE DESCRIPTION	RDS	08/28/20	76126			C
BY	DATE	ECO NO.		SHEET 1 OF 1			