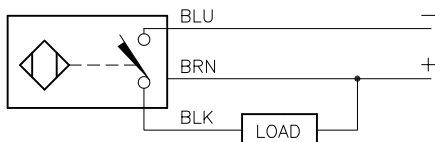
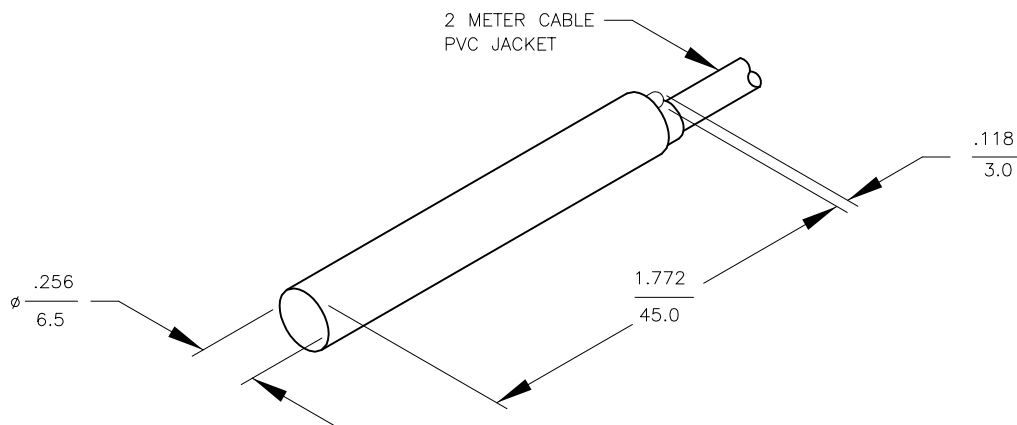


WIRING DIAGRAM



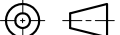
OUTPUT: AN7

WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.



SPECIFICATIONS

OPERATING VOLTAGE	10–30 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	1–15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤0.7 V (0.3 TYPICAL)
OUTPUT FUNCTION	NORMALLY OPEN 3–WIRE DC SELF-CONTAINED
TTL COMPATIBLE	YES
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	≤150 mA
LEAKAGE (OFF-STATE) CURRENT	<10μ A
NO-LOAD CURRENT	5.5–9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	1 kV, 0.1 ms, 1 kΩ
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	NONE
SENSING RANGE	1.5 mm = .059" (NOMINAL)
SWITCHING FREQUENCY	2000 Hz
REPEATABILITY	≤2% of NOMINAL SENSING RANGE
SHIELDED	YES

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us					
1.				DRFT	GMB	DATE	1/16/89	DESCRIPTION B11.5-H6.5M-AN7			
2.				APVD		SCALE	NONE				
3.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT				IDENTIFICATION NO. 47081		REV C	
4.				INCH [MILLIMETER]							
MATERIAL STAINLESS STEEL		CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING				FILE: 47081		SHEET 1 OF 1	
FINISH											

C	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/21/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.