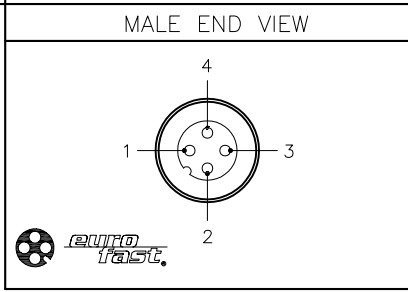
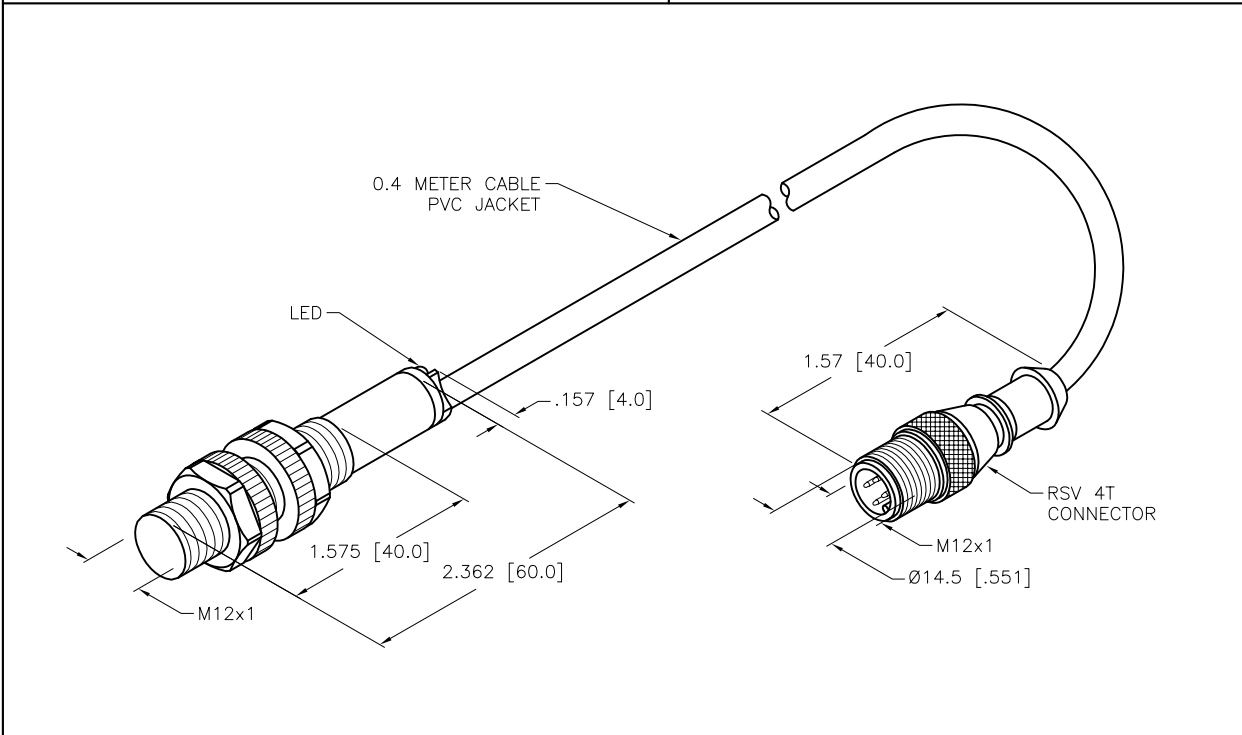


SPECIFICATIONS

OPERATING VOLTAGE	4.75-5.25 VDC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 11.0 V at 100 mA
OUTPUT FUNCTION	NORMALLY CLOSED, 3-WIRE DC
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 1.7 μA
MINIMUM LOAD CURRENT	≥ 5.0 μA
INRUSH CURRENT	≤ 1.0 A (≤ 10 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT	INCORPORATED
PROTECTION AGAINST TRANSIENTS	5 kV, 10 ms, 10 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	YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE	5 mm = .196" (NOMINAL)
SWITCHING FREQUENCY	2000 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
SHIELDED	NO



NOTES: 1. MATERIALS:
 BARREL - PA12-GF30 PLASTIC
 LOCKNUTS - PA12-GF30 PLASTIC
 END CAP - TPE-O-ELASTOMER
 CONNECTOR - STAINLESS STEEL
 CONTACTS - GOLD PLATED BRASS

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. 2. 3. 4.				DRFT RDS DATE 09/27/04 APVD SCALE 1=2.0			
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT		DESCRIPTION	
SEE NOTES		CONTACT TURCK FOR MORE INFORMATION		INCH [MILLIMETER]		NI5-S12-RN5X/5-0.4M-RSV4T	
FINISH		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.		REV	
SEE NOTES		FILE: 1510691		1510691		D	
D UPDATE ID NUMBER PER HARMONIZATION PROJECT		BY DATE ECO NO.		SHEET 1 OF 1			