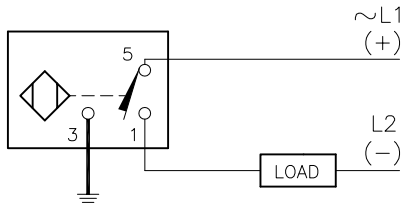
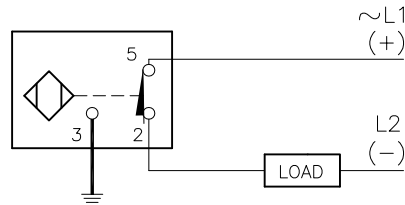


WIRING DIAGRAM

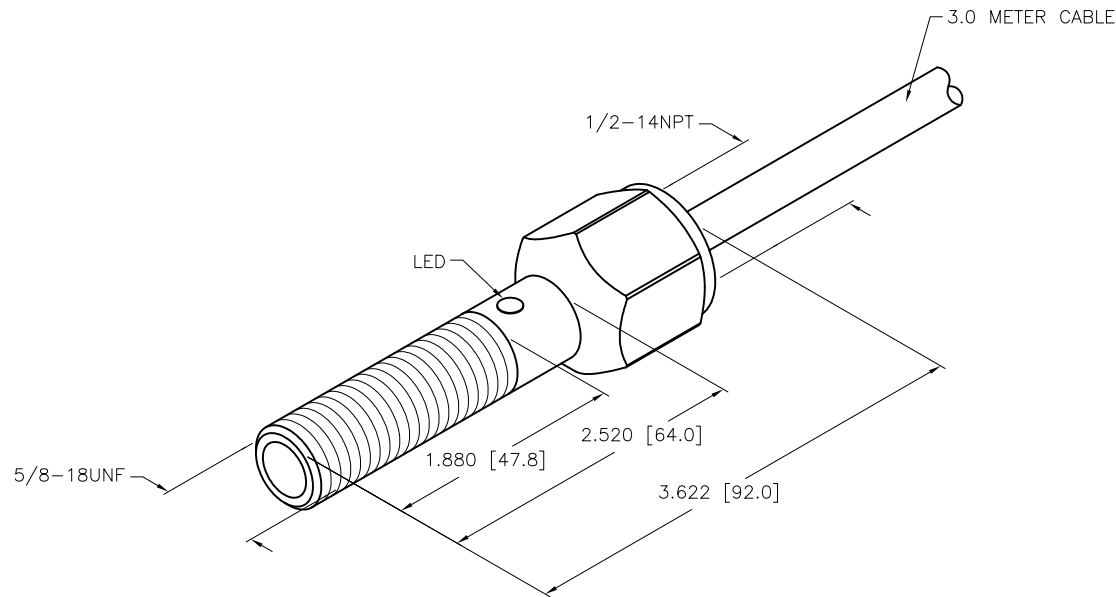
NORMALLY OPEN



NORMALLY CLOSED



SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	2.5 mm [.098"]
HYSTERESIS	3–15% (5% TYPICAL)
MIN. REPEAT ACCURACY	≤ 2%
MAX. TEMPERATURE DRIFT	≤ ±10% C°
OPERATING TEMPERATURE	–40°C to +70°C (–40°F to +158°F)
OPERATING VOLTAGE	20–250 VAC
RATED OPERATIONAL VOLTAGE	10–300 VDC
RATED OPERATIONAL CURRENT (AC)	≤ 100 mA
RATED OPERATIONAL CURRENT (DC)	≤ 100 mA
LINE FREQUENCY	50–60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
MAX. SWITCHING FREQUENCY	≤ 0.06 kHz
RATED INSULATION VOLTAGE	≤ 1.5 kV
OUTPUT FUNCTION	2-WIRE, CONNECTION PROGRAMMABLE
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 6 V
WIRE-BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
MIN. OPERATIONAL CURRENT	3 mA
DEGREE OF PROTECTION	IP 67
HOUSING MATERIAL	METAL, A4 1.4401 (AISI 316)
ACTIVE FACE	PLASTIC, PA12–GF30
CABLE	ø7.2, 18 AWG, PVC
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
SUPPLY VOLTAGE INDICATION	LED, GREEN
SWITCHING STATUS INDICATION	LED, RED
MOUNTING MODE	FLUSH

SOURCE DRAWING - FOR REFERENCE ONLY

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	RDS	DATE	08/31/15
		APVD	A.F.	SCALE	NONE
		UNIT OF MEASUREMENT		DESCRIPTION	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	INCH [MILLIMETER]		BI2.5–EG16CA–FDZ32X2 3M	
FINISH		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.	42051000
				REV	B
B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17		
REV	DESCRIPTION	BY	DATE	ECO NO.	

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REV	DESCRIPTION	BY	DATE	ECO NO.