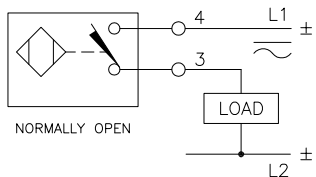
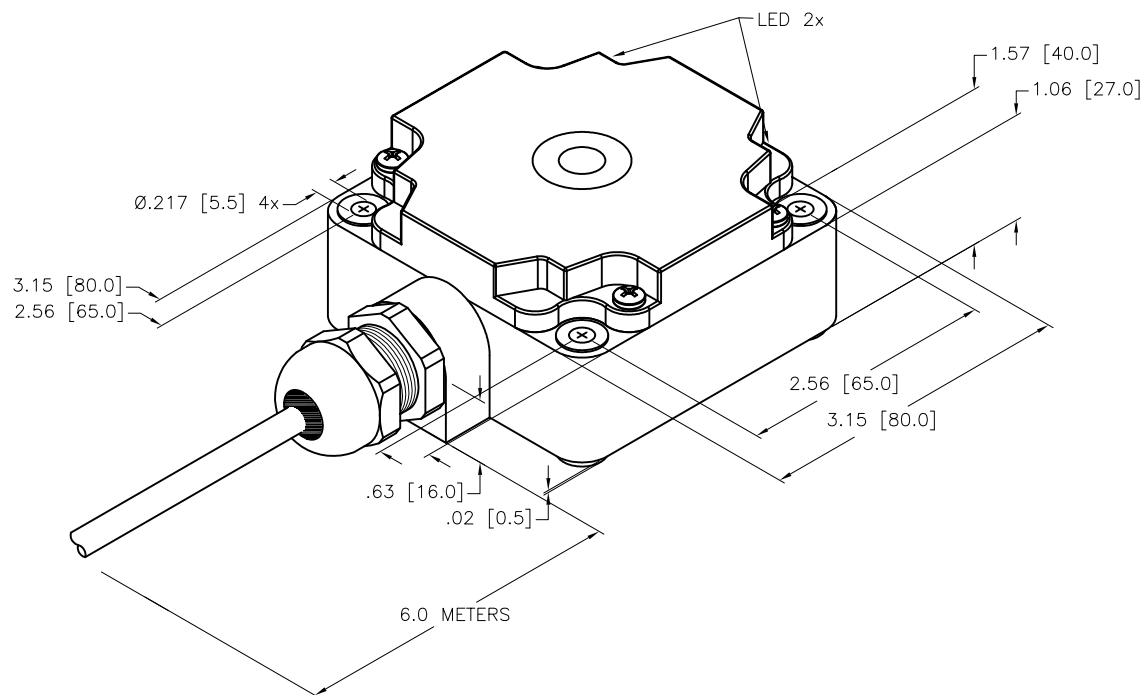


WIRING DIAGRAM



SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	75mm [2.953"]
MOUNTING MODE	NON-FLUSH
TEMPERATURE DRIFT	≤±10% ≤±15%, ≤ -25°C v ≥ +70°C
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
RATED OPERATIONAL VOLTAGE (AC/DC)	20-250 VAC/10-300 VDC
RATED OPERATIONAL CURRENT (AC/DC)	≤ 400 mA/≤ 300 mA
MAINS FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 3.0 A(≤ 20 ms MAX. 5 Hz)
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 6.0 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.01 kHz
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0
ACTIVE FACE MATERIAL	PLASTIC, PBT-GF30-V0
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW
SHORT-CIRCUIT INDICATION	LED: GREEN-FLASHING

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

- FULLY POTTED CHAMBER.

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. 2. 3. 4.					
MATERIAL		DRFT RDS	DATE 07/19/10	DESCRIPTION NI75U-CP80-FDZ30X2/PNO 6M	
		APVD	SCALE 1=2.0		
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 4280996	
		DO NOT SCALE THIS DRAWING		REV C	
				FILE: 4280996	
				SHEET 1 OF 1	

C	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.