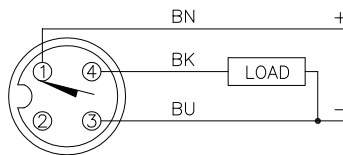
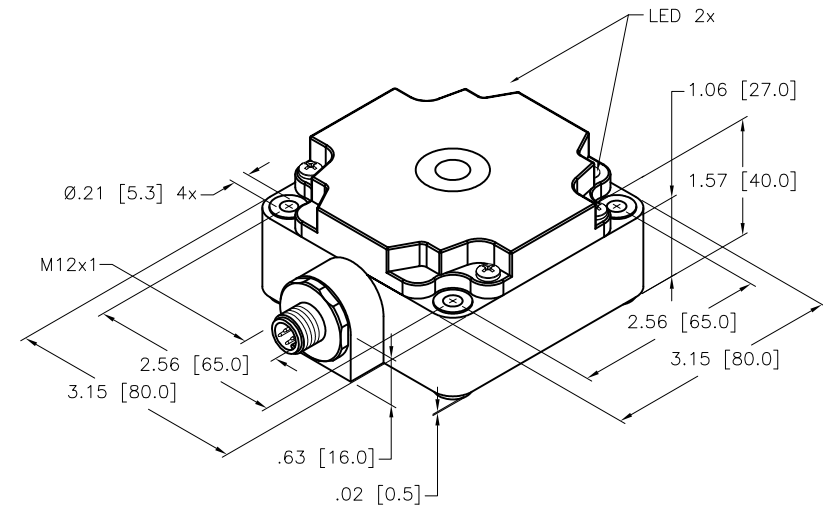


OPERATING VOLTAGE 3-WIRE DC, 10-30 VDC, SOURCING CURRENT
 OUTPUT FUNCTION..... NORMALLY OPEN
 EMBEDDABLE NO
 RATED OPERATING DISTANCE 75 mm
 APPROVAL OR CERTIFICATION CSA (C US), CE
 SHORT-CIRCUIT PROTECTION YES
 WELD-FIELD IMMUNITY YES
 SWITCHING FREQUENCY 250 Hz
 RIPPLE ≤10%
 DIFFERENTIAL TRAVEL <HYSTERESIS> 3-15% (5% TYPICAL)
 VOLTAGE DROP ACROSS CONDUCTING SENSOR ≤1.8 V AT 200 mA
 TRIGGER CURRENT FOR OVERLOAD PROTECTION ≥220 mA
 CONTINUOUS LOAD CURRENT ≤200 mA
 OFF-STATE <LEAKAGE> CURRENT ≤10 μA
 NO LOAD CURRENT ≤15 mA
 TIME DELAY BEFORE AVAILABILITY ≤8 ms
 POWER-ON EFFECT PER IEC 947-5-2
 REVERSE-POLARITY PROTECTION INCORPORATED
 WIRE-BREAK PROTECTION INCORPORATED
 TRANSIENT PROTECTION PER EN 60947-5-2
 OPERATING TEMPERATURE <10% DRIFT> -25°C TO +70°C (-13°F TO + 158°F)
 OPERATING TEMPERATURE <15% DRIFT> -30°C TO +85°C (-22°F TO + 185°F)
 SHOCK 30 g, 11 ms
 VIBRATION 55 Hz, 1 mm AMPLITUDE (ALL 3 PLANES)
 REPEATABILITY ≤2% OF RATED OPERATING DISTANCE
 NUMBER OF LEDS 2
 LED FUNCTION <YELLOW> OUTPUT ENERGIZED
 LED FUNCTION <GREEN> POWER ON
 LED FUNCTION <FLASHING GREEN> SHORT-CIRCUIT INDICATION
 ENCLOSURE MEETS NEMA 1,3,4,6,13, AND IEC IP 67
 CONNECTION 4-PIN eurofast CONNECTOR
 CONNECTOR MATERIAL CHROME-PLATED BRASS
 HOUSING MATERIAL PBT-GF30-V0 PLASTIC
 TERMINAL CHAMBER COVER MATERIAL TROGAMID T



Uprox



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S1751" DESIGNATES SENSORS WITH FM APPROVAL FOR CLASS 1 DIV 2 USE. APPROVAL MUST BE LASER ENGRAVED OR PAD PRINTED ON SENSOR.
2. ALL DIMENSIONAL TOLERANCES ±1.0 mm.

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	
	MATERIAL	DRFT RDS	DATE 06/13/14	DESCRIPTION NI75U-CP80-AP6X2-H1141/S1751	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD A.F.	SCALE NONE	IDENTIFICATION NO. 16238010	
CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		REV B	
DO NOT SCALE THIS DRAWING		FILE: 16238010		SHEET 1 OF 1	
B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17		
REV	DESCRIPTION	BY	DATE	ECO NO.	