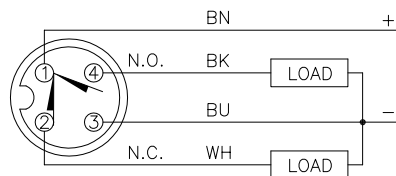
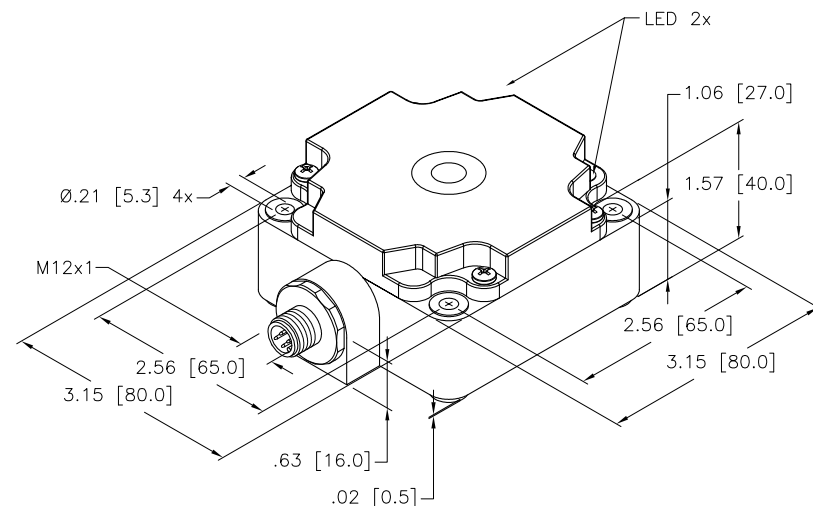
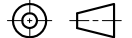


OPERATING VOLTAGE 4-WIRE DC, 10-65 VDC, SOURCING CURRENT
 OUTPUT FUNCTION..... COMPLEMENTARY (ONE NORMALLY OPEN, ONE NORMALLY CLOSED)
 EMBEDDABLE NO
 RATED OPERATING DISTANCE..... 50 mm
 APPROVAL OR CERTIFICATION..... CSA (C US), CE
 SHORT-CIRCUIT PROTECTION..... YES
 WELD-FIELD IMMUNITY NO
 SWITCHING FREQUENCY 100 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..... 4-9.5 mA
 TIME DELAY BEFORE AVAILABILITY..... ≤25 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 -25°C TO +70°C (-13°F TO + 158°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
 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



SOURCE DRAWING - FOR REFERENCE ONLY

NOTE: ALL DIMENSIONAL TOLERANCES ±1.0 mm.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION			THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	TURCK inc <i>High Technology Sensors and Automation Controls</i>		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT CBM	DATE 09/13/00	DESCRIPTION Ni50-CP80-VP4X2-H1141				
DSGN		SCALE NONE						
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. M1501695		REV A		
				FILE: M1501695		SHEET 1 OF 1		

A	DRAWING RELEASE	CBM	09/13/00	
REV	DESCRIPTION	BY	DATE	ECO NO.