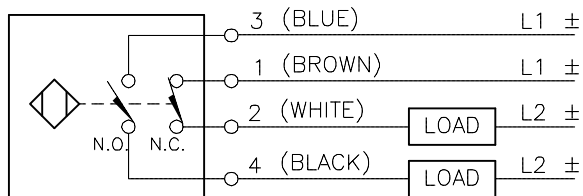


WIRING DIAGRAM

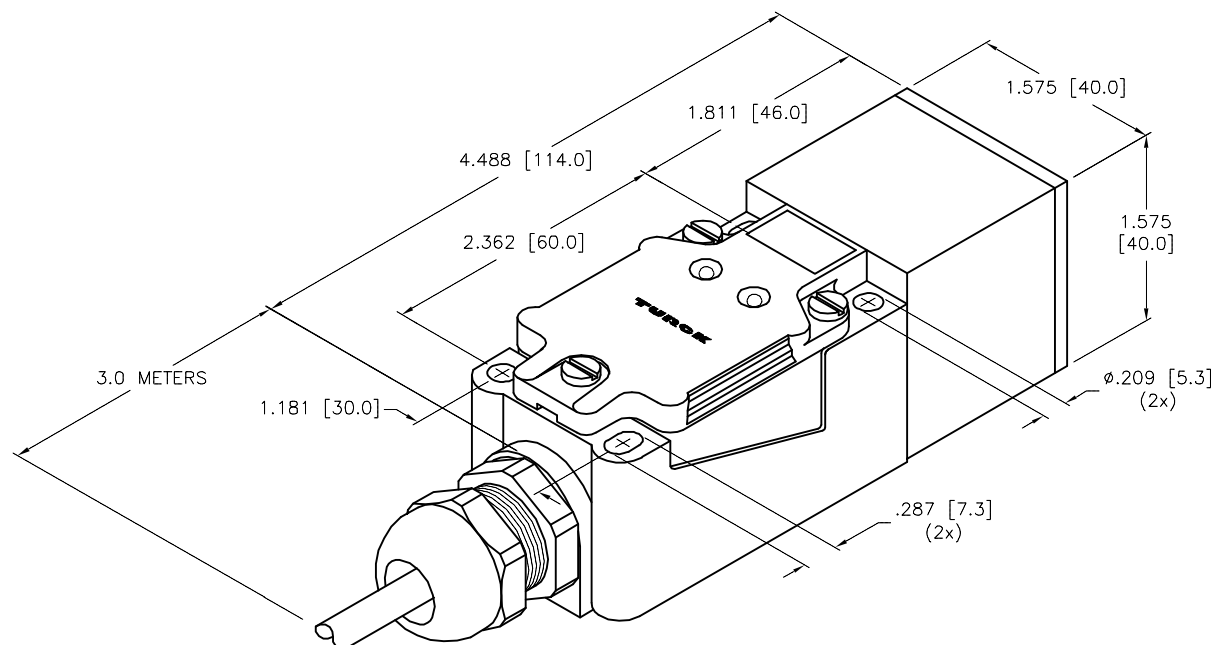


OUTPUT: VDZ3X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

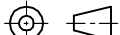
OPERATING VOLTAGE	20–250 VAC, 20–320 VDC
LINE FREQUENCY	50–60 Hz
HYSTERESIS	3–15% (5% TYPICAL)
OUTPUT FUNCTION	COMPLEMENTARY OUTPUTS: ONE NORMALLY OPEN, ONE NORMALLY CLOSED
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	3–350 mA
RESIDUAL CURRENT	≤ 1.7 mA (110 V), < 2 mA (200 V)
MINIMUM LOAD CURRENT	≥ 3.0 mA
MAXIMUM LOAD CURRENT	≤ 4.0 A (≤ 10 ms, 5 % Duty Cycle)
TIME DELAY BEFORE AVAILABILITY	≤ 60 ms
TRANSIENT PROTECTION	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	RED: OUTPUT ENERGIZED
RATED OPERATING DISTANCE	15 mm = .591" (NOMINAL)
SWITCHING FREQUENCY	0.01 kHz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE	YES
CABLE	ø5.3, GRAY, PVC, 4x22 AWG



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "P" DESIGNATES POTTED CHAMBER.

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 SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT NF	DATE 04/10/18	DESCRIPTION BI15-CP40-VDZ3X2/P 3M					
APVD A.F.		SCALE 1=1.3							
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. 4414756			REV B		
		FILE: 4414756			SHEET 1 OF 1				

B	UPDATE WIRING DIAGRAM	RDS	06/06/18	65693
REV	DESCRIPTION	BY	DATE	ECO NO.