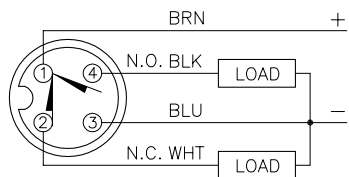


WIRING DIAGRAM

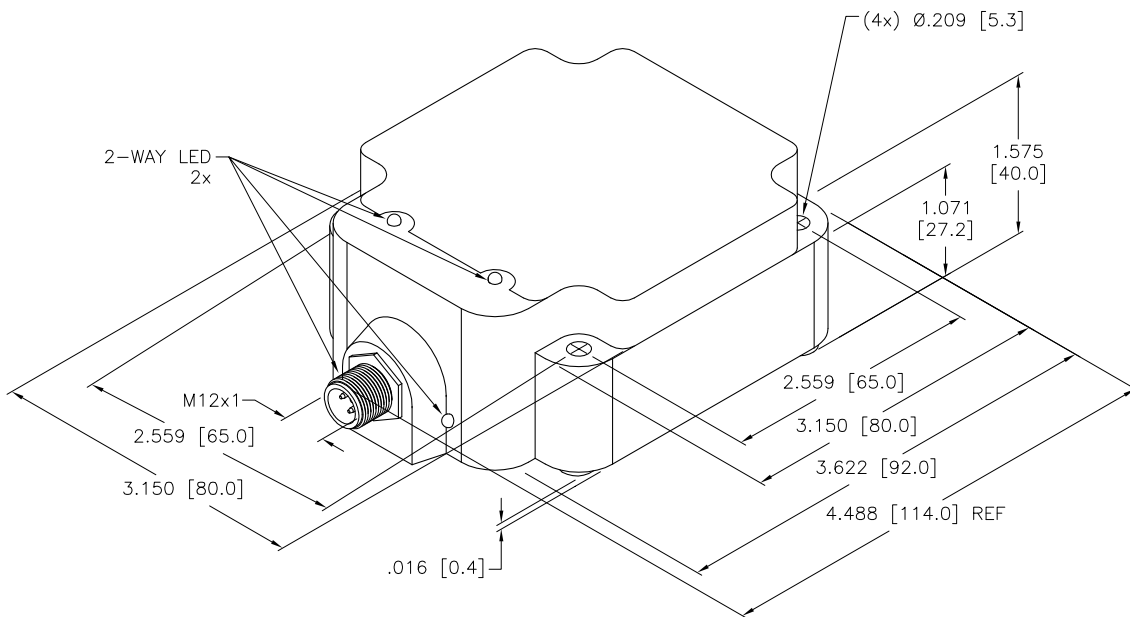


OUTPUT: VP4X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

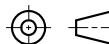
| | |
|---|--|
| OPERATING VOLTAGE | 10-65 VDC |
| RIPPLE | ≤ 10% |
| DIFFERENTIAL TRAVEL (HYSTERESIS) | 3-15% (5% TYPICAL) |
| VOLTAGE DROP ACROSS CONDUCTING SENSOR | ≤ 1.8 V at 200 mA |
| OUTPUT FUNCTION | COMPLEMENTARY OUTPUT: ONE N.O.; ONE N.C. (SPDT) |
| TTL COMPATIBLE | NO |
| SHORT-CIRCUIT PROTECTED | YES |
| TRIGGER CURRENT FOR OVERLOAD PROTECTION | ≥ 220 mA |
| CONTINUOUS LOAD CURRENT | ≤ 200 mA |
| OFF-STATE (LEAKAGE) CURRENT | < 10 μ A |
| NO-LOAD CURRENT | 4.0-9.5 mA |
| TIME DELAY BEFORE AVAILABILITY | ≤ 80 ms |
| POWER-ON EFFECT PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| WIRE-BREAK PROTECTION | INCORPORATED |
| PROTECTION AGAINST TRANSIENTS | EN 6047-5-2 |
| OPERATING TEMPERATURE | -30°C to +85°C (-22°F to +185°F) |
| ENCLOSURE | MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67 |
| SHOCK | 30 g, 11 ms |
| VIBRATION | 55 Hz, 1 mm AMPLITUDE (ALL 3 PLANES) |
| LED FUNCTION | YELLOW: OUTPUT ENERGIZED GREEN: POWER ON |
| SENSING RANGE | 50 mm = 1.968" (NOMINAL) |
| SWITCHING FREQUENCY | 250 Hz |
| REPEATABILITY | ≤ 2% of RATED OPERATING DISTANCE |



RELATED DOCUMENTS

- 1.
- 2.
- 3.
- 4.

3RD ANGLE PROJECTION



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MATERIAL
PBT-GF30-V0
PLASTIC

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CONTACT TURCK FOR MORE INFORMATION

DRFT JBU DATE 03/27/00
DSGN SCALE 1=2.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

DESCRIPTION
Bi50U-Q80-VP4X2-H1141

IDENTIFICATION NO.
M1562000

REV
A

FILE: M1562000

SHEET 1 OF 1

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|-----|-----------------|-----|----------|---------|
| A | DRAWING RELEASE | CBM | 10/05/00 | |
| REV | DESCRIPTION | BY | DATE | ECO NO. |