

| SPECIFICATIONS |  |
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| OPERATING VOLTAGE | 10-30 VDC |
| RIPPLE | $\leq 10 \%$ |
| DIFFERENTIAL TRAVEL (HYSTERESIS) | 3-15\% (5\% TYPICAL) |
| VOLTAGE DROP ACROSS CONDUCTING SENSOR | $\leq 1.8 \mathrm{~V}$ AT 100 mA |
| OUTPUT FUNCTION | NORMALLY OPEN 3-WIRE DC SELF-CONTAINED |
| TRIGGER CURRENT FOR OVERLOAD PROTECTION | $\geq 170 \mathrm{~mA}$ |
| CONTINUOUS LOAD CURRENT | $\leq 150$ |
| OFF-STATE (LEAKAGE) CURRENT | $<10 \mu \mathrm{~A}$ |
| NO-LOAD CURRENT | $\leq 10 \mathrm{~mA}$ |
| TIME DELAY BEFORE AVAILABILITY | $\leq 8 \mathrm{~ms}$ |
| POWER-ON EFFECT PROTECTION | Per IEC 947-5-2 |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| WIRE-BREAK PROTECTION | INCORPORATED |
| PROTECTION AGAINST TRANSIENTS | PER EN 60947-5-2 |
| ENCLOSURE | MEETS NEMA 1,3,4,6,13 AND IEC IP67 |
| OPERATING TEMPERATURE ( $10 \%$ DRIFT) | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}\left(-13^{\circ} \mathrm{F}\right.$ to $\left.+158^{\circ} \mathrm{F}\right)$ |
| OPERATING TEMPERATURE ( $15 \%$ DRIFT) | $-30^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}\left(-22^{\circ} \mathrm{F}\right.$ to $\left.+185^{\circ} \mathrm{F}\right)$ |
| SHOCK | $30 \mathrm{~g}, 11 \mathrm{~ms}$ |
| VIBRATION | $55 \mathrm{~Hz}, 1 \mathrm{~mm}$ AMPLITUDE (IN ALL 3 PLANES) |
| LED FUNCTION | GREEN: POWER ON YELLOW: OUTPUT ENERGIZED |
| RATED OPERATING DISTANCE | $3.5 \mathrm{~mm}=.138$ " (NOMINAL) |
| SWITCHING FREQUENCY | 2000 Hz |
| REPEATABILITY | $\leq 2 \%$ OF RATED OPERATING DISTANCE |
| EMBEDDABLE (SHIELDED) | NO |
| CABLE: <br> OUTER JACKET MATERIAL <br> NUMBER OF CONDUCTORS [AWG] | TPU <br> $3 \times 26$ AWG |

SOURCE DRAWING - FOR REFERENCE ONLY


