| SPECIFICATIONS |  |
| :---: | :---: |
| RATED OPERATING DISTANCE | 5 mm [0.197"] |
| MOUNTING MODE | FLUSH |
| REPEATABILITY | $\leq 2 \%$ |
| TEMPERATURE DRIFT | $\leq \pm 10 \%$ |
| HYSTERESIS | 3-15\% |
| OPERATING TEMPERATURE | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}\left(-13^{\circ} \mathrm{F}\right.$ to $\left.+158^{\circ} \mathrm{F}\right)$ |
| OPERATING VOLTAGE | 10-30 VDC |
| RESIDUAL RIPPLE | $\leq 10 \%$ |
| DC RATED OPERATIONAL CURRENT | $\leq 200 \mathrm{~mA}$ |
| NO-LOAD CURRENT | $\leq 15 \mathrm{~mA}$ |
| RESIDUAL CURRENT | $\leq 1 \mathrm{~mA}$ |
| RATED INSULATION VOLTAGE | $\leq 0.5 \mathrm{kV}$ |
| SHORT-CIRCUIT PROTECTION | YES |
| MAX. VOLTAGE DROP | $\leq 1.8 \mathrm{~V}$ |
| WIRE BREAKAGE PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | 3-WIRE, NORMALLY OPEN, PNP |
| MAX. SWITCHING FREQUENCY | $\leq 2 \mathrm{kHz}$ |
| HOUSING MATERIAL | PLASTIC, PA12-GF30 |
| MATERIAL ACTIVE FACE | PLASTIC, PA12-GF30 |
| CABLE | ¢5.2, PVC |
| VIBRATION RESISTANCE | 55 Hz (IN ALL 3 PLANES) |
| SHOCK RESISTANCE | 30 g (11ms) |
| PROTECTION CLASS | IP67 |
| SWITCHING STATUS INDICATION | LED, YELLOW |

SOURCE DRAWING - FOR REFERENCE ONLY


