| SPECIFICATIONS |  |
| :---: | :---: |
| RATED OPERATING DISTANCE | 5.0 mm [.197"] |
| MOUNTING MODE | NON-FLUSH |
| MIN. REPEAT ACCURACY | $\leq 2 \%$ |
| 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 $\left.+158^{\circ} \mathrm{F}\right)$ |
| RATED OPERATIONAL VOLTAGE | 10-30 VDC |
| RESIDUAL RIPPLE | $\leq 10 \%$ |
| RATED OPERATIONAL CURRENT | $\leq 200 \mathrm{~mA}$ |
| NO-LOAD CURRENT | $\leq 15 \mathrm{~mA}$ |
| RESIDUAL CURRENT | $\leq 0.1 \mathrm{~mA}$ |
| RATED INSULATION VOLTAGE | $\leq 0.5 \mathrm{kV}$ |
| SHORT-CIRCUIT PROTECTED | YES |
| MAX. VOLTAGE DROP | $\leq 1.8 \mathrm{~V}$ |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| WIRE-BREAK PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | NORMALLY OPEN, 3-WIRE, PNP |
| MAX. SWITCHING FREQUENCY | $\leq 2 \mathrm{kHz}$ |
| HOUSING MATERIAL | METAL, BRASS/CHROME PLATED |
| ACTIVE FACE | PLASTIC, PA12-GF30 |
| CONNECTION | M12x1 |
| SHOCK RESISTANCE | $30 \mathrm{~g}, 11 \mathrm{~ms}$ |
| VIBRATION RESISTANCE | $55 \mathrm{~Hz},{ }_{\text {(IN }}^{1} \mathrm{mmm}_{\text {ALL }} 3$ AMPLITUDE |
| DEGREE OF PROTECTION | IP67 |
| SWITCHING STATUS INDICATION | LED: YELLOW |

SOURCE DRAWING - FOR REFERENCE ONLY


