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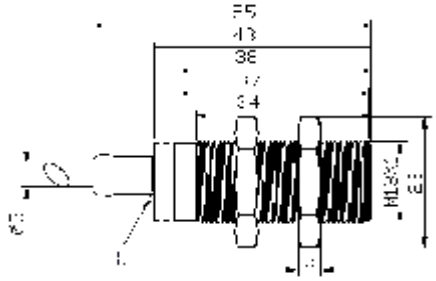
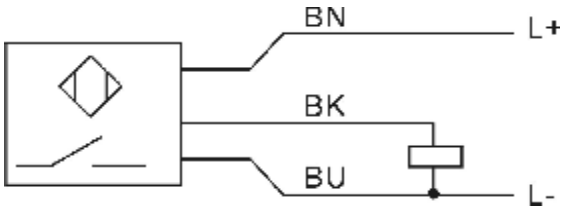
|---|---|
| IC1201<br>Inductive proximity sensor<br>Metal thread M18 x 1.0<br>High temperature<br>Cable<br>Size 43mm<br>Sensing range 5mm[f]<br>Flush | |
| Electric design | DC PNP |
| Output | NO |
| Operating voltage [V] | 10…36 DC |
| Current loading [mA] | 250 |
| Short-circuit protection | Yes |
| Reverse polarity protection | Yes |
| Overload protection | Yes |
| Voltage drop [V] | <2.5 |
| Consumed current[mA] | <15(24VDC) |
| Real sensing range [mm]Sensing range[mm | 5±10% |
| Operating range[mm] | 0…4 |
| Switch-point drift[%/Sr] | -10…10 |
| Hysteresis[%/Sr] | 1…15 |
| Switching frequency[Hz] | 400 |
| ESD[KV] | 6kV III |
| EFT[KV] | 2kV III |
| Walkie talkie experiment[mm] | <1 |
| Adjustment factors | Low carbon steel=1 /Stainless steel approx 0.7 /Brass approx 0.4 / Alumium approx 0.3 / Copper approx 0.2 |
| Operating temperature[℃] | -25℃…120℃ |
| Protection classification | IP67 |
| Dimension |  |
| Housing material | Stainless steel , Sensing face: PBT |
| Switching state display LED | Red(90° ) |
| Connection | 硅胶Cable /2m;3x0.34mm² |
| Wiring<br>Core color<br><br>BN +<br>BU -<br>BK Signal Line |  |
| Accessory(Included) | Two fixed nuts |