

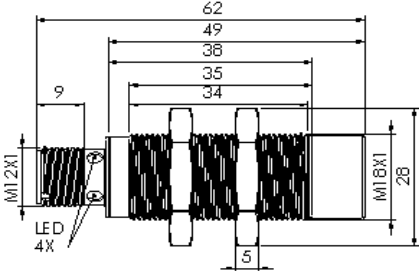
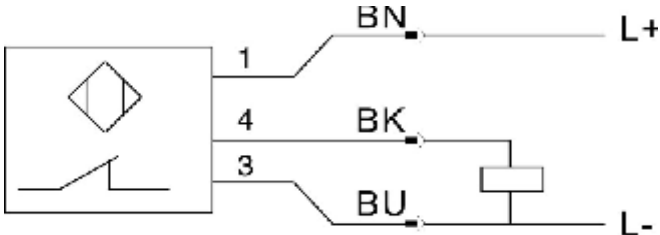


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| <p>IC1114<br/>Inductive proximity sensor<br/>Metal thread M18 x 1.0<br/>M12 Socket<br/>Size 62mm<br/>Gold-plated contact<br/>Sensing range 12mm[nf]<br/>Non-Flush</p> |                          |
| Electric design   | DC PNP   |
| Output  | NC                      |
| 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]   | 12±10%   |
| Operating range [mm]  | 0...9.6  |
| 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 / Aluminum approx 0.3 / Copper approx 0.2 |
| Operating temperature [°C]  | -25°C...80°C   |
| Protection classification   | IP67   |
| Dimension   |                        |
| Housing material  | Stainless steel , Sensing face: PBT  |
| Switching state display LED   | Red(90°)   |
| Connection  | M12 Socket   |
| Wiring<br>Core color  |                        |
| Accessory(Included)   | Two fixed nuts   |