

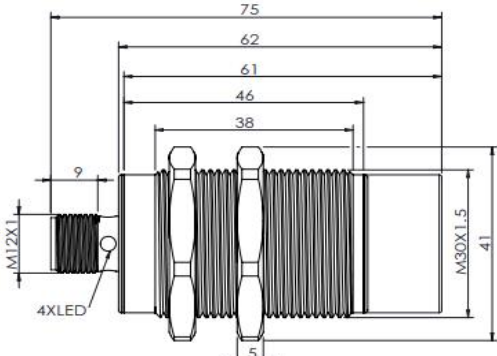
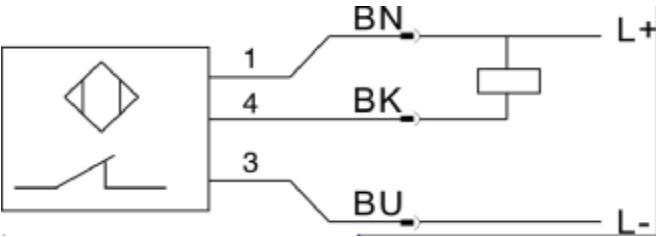



|  |  |
|--|--|
| <p>ID1216<br/>Inductive proximity sensor<br/>Metal thread M30 x 1.5<br/>High temperature type<br/>M12 Socket<br/>Size 75mm<br/>Gold-plated contact<br/>Sensing range 15mm[f]<br/>Non-flush</p> |                          |
| Electric design  | DC NPN   |
| Output   | NC                      |
| 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]   | 15±10%   |
| Operating range[mm]  | 0...12   |
| Switch-point drift[%/Sr]   | -10...10   |
| Hysteresis[%/Sr]   | 1...15   |
| Switching frequency[Hz]  | 100  |
| 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...120  |
| Protection classification  | IP67   |
| Dimension  |                        |
| Housing material   | Stainless steel , Sensing face: PBT  |
| Switching state display LED  | Red (90° )   |
| Connection   | M12 Socket   |
| Wiring   |                        |
| Core color:  |  |
|   |  |
| Accessory(Included)  | Two fixed nuts   |