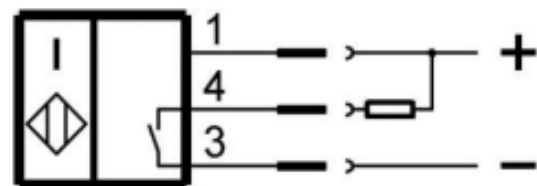


Pressure-rated inductive sensor, Code- BES02WC

Balluff's pressure-rated inductive sensors withstand a pressure of up to 500 Bar. They are, therefore, perfectly suited for position monitoring of your hydraulics, such as for end position verification of hydraulic cylinders or monitoring valve position.

General Attributes

| | |
|---|---------------------------------------|
| ■ Dimension | : Ø 18 x 65 mm |
| ■ Connection | : M12x1-Connector, 4-pole, A-coded |
| ■ Sensing range | : 10mm |
| ■ Operating voltage U_b | : 10...30 VDC |
| ■ Switching frequency | : 350 Hz |
| ■ Switching output | : NPN NO |
| ■ Mounting | : non-flush |
| ■ No-load current I_o max. undamped | : 9 mA |
| ■ Ambient temperature | : -25...70 °C |
| ■ Protection type IEC 60529 | : IP67 |
| ■ Basic standard | : IEC 60947-5-2 |
| ■ Housing material | : Stainless steel |
| ■ Pressure Rating max. | : 80 bar |
| ■ Temperature drift max. (% of S_r) | : 10 % |



Wiring diagram:

Application Notes

Position detection on a mechanical
Moving part
Gear tooth detection for motion monitoring
Valve position control during processing
Foil seal detection inside plastic caps
Can position detection on a beverage line

For further information please visit : <https://goo.gl/Q5pFHG>