# Inductive sensors for high mechanical loads
## | IGVU 05 GSP

- One piece from stainless steel
- Especially resistant to vibration and shocks
- for use in mobile machines and heavy duty applications

**M18x1 - sn 5 mm flush - Output PNP NO**



| | |
|---|---|
| **TYPE** | IGVU 05 GSP |
| **Product ID** | P31194 |
| **Thread/sleeve** | M18x1 |
| **Operating Distance sn** | 5 mm flush |
| **Output** | switching output |
| **Output function** | PNP-NO |
| **Supply voltage** | 10 V DC ... 30 V DC |
| **Current consumption max.** | 5 mA |
| **Switching current max.** | 250 mA |
| **Short circuit proof** | yes |
| **Reverse polarity protection** | ✓ |
| **Voltage drop max.** | 1.5 V |
| **Switching frequency** | 180 Hz |
| **Ambient temperature** | -25 °C ... 80 °C |
| **EMC-class** | A |
| **Material housing** | stainless steel AISI 316 L, stainless steel |
| **Material thread** | stainless steel AISI 316 L |
| **Material cap** | stainless steel AISI 316 L |
| **Display** | ✓ |
| **Protection [EN 60529]** | IP 68 + IP 69K |

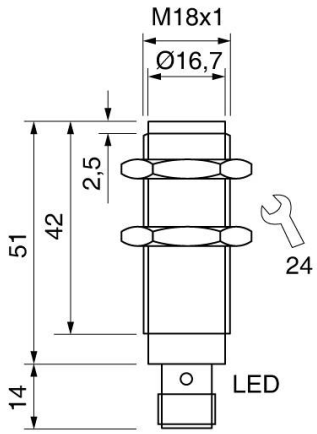


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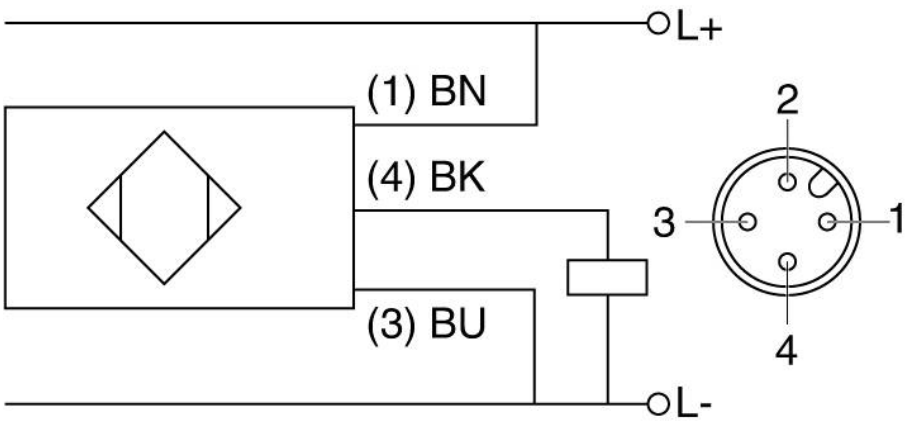
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| | |
|---|---|
| **Electrical connection** | M12 connector |

Technical Image




Pin Map






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