

Inductive Proximity Sensor Increased Sensing Distance 12 mm Threaded Barrel

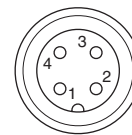
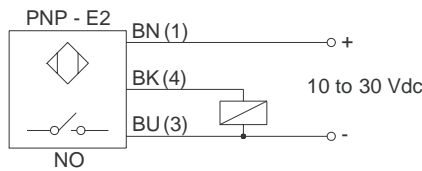
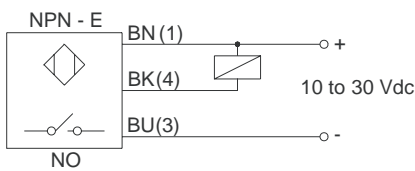
Specifications

| Type | | | Increased Sensing Distance Inductive Proximity Sensor | |
|------------------------|-------------|-----|--|--------------------------|
| | | | Semi-flush Mount | Non-flush Mount |
| Model Number | Cable Type | NPN | PSL4-12GI50-E | PSL6-12GI50-E |
| | | PNP | PSL4-12GI50-E2 | PSL6-12GI50-E2 |
| | M12 QD Type | NPN | PSL4-12GI50-E-V1 | PSL6-12GI50-E-V1 |
| | | PNP | PSL4-12GI50-E2-V1 | PSL6-12GI50-E2-V1 |
| Sensing Range | | | 4 mm | 6 mm |
| Hysteresis | | | 5 % | |
| Repeatability | | | < 0.01 mm | < 0.01 mm |
| Supply Voltage | | | 10 ~ 30 VDC incl. 10% ripple | |
| Current Consumption | | | < 10 mA max. | |
| Max. Switching Freq. | | | 600 Hz | 300 Hz |
| Control Output | | | NPN or PNP Open Collector Transistor, 200 mA / 30 VDC Max. | |
| Operation Mode | | | Normally Open | |
| Output Protection | | | Short circuit and Reverse polarity protection | |
| Sensitivity Adjustment | | | ----- | |
| Indicators | | | Output LED | |
| Conformity | | | CE | |
| Ambient Temperature | | | -25° to +70°C | |
| IP Protection | | | IP67 | |
| Material | | | Nickel plated brass | |



Note: Cables are not included with the QD sensor, please order separately.

Electrical Connection

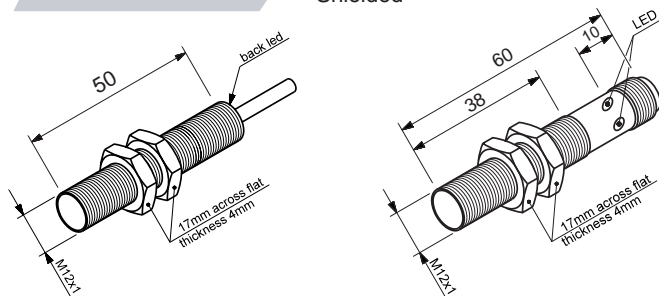


- 1 : Brown
- 2 : White
- 3 : Blue
- 4 : Black

Dimensions (Unit: mm)

PSL4-12GI50

Shielded



PSL6-12GI50

Non-Shielded

