

Inductive Proximity Sensor 40 mm Square Body

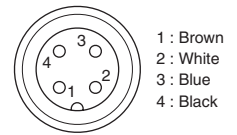
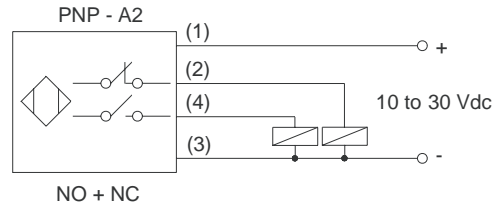
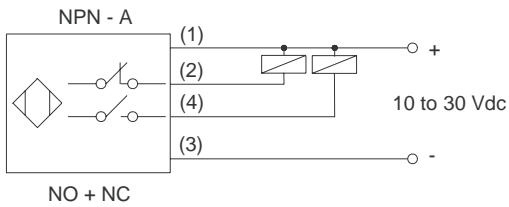
Specifications

| Type | | | Inductive Proximity Sensor | |
|------------------------|--------|-----|--|--------------------------------|
| | | | Shielded - Flush Mount | Non-shielded - Non-flush Mount |
| Model Number | M12 QD | NPN | PS20-Q1-A-V1 | PS40-Q1-A-V1 |
| | | PNP | PS20-Q1-A2-V1 | PS40-Q1-A2-V1 |
| Sensing Range | | | 20 mm | 40 mm |
| Hysteresis | | | 5 % | |
| Repeatability | | | < 0.01 mm | |
| Supply Voltage | | | 10 ~ 30 VDC incl. 10% ripple | |
| Current Consumption | | | < 15 mA max. | |
| Max. Switching Freq. | | | 100 Hz | 100 Hz |
| Control Output | | | NPN or PNP Open Collector Transistor, 200 mA / 30 VDC Max. | |
| Operation Mode | | | Normally Open And Normally Closed | |
| 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 | | | Thermoplastic PBT/VO | |



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

Electrical Connection



Dimensions (Unit: mm)

