

PX-Q Type Square Proximity Sensor



Features

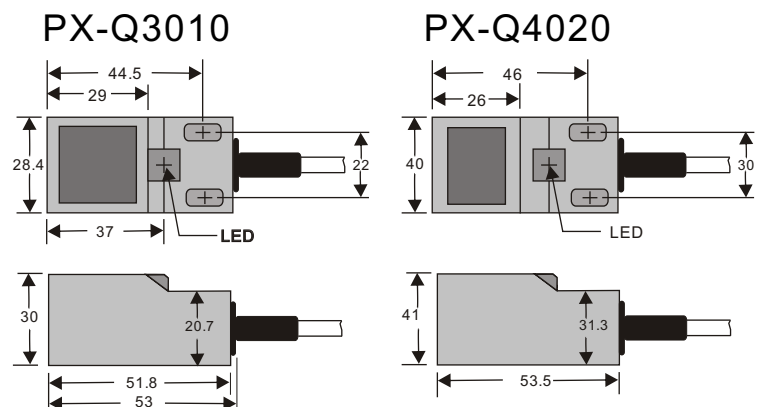
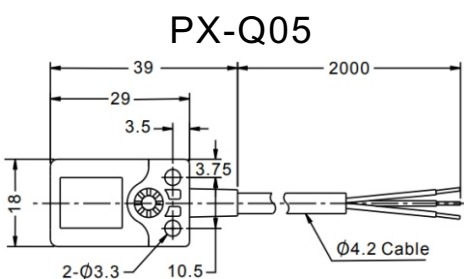
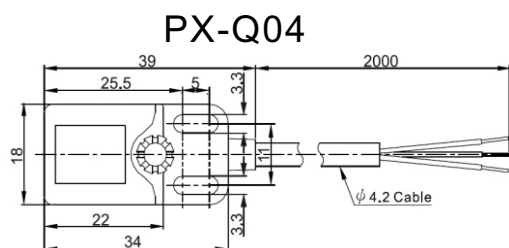
- PVC housing, resin inside, protectic from oil, water, acid and alkaline.
- High quality, high durability.
- Wide operating voltage range 10~30 VDC.
- All models with the operating indicator easily identified.



Specifications

Type		PX-Q04	PX-Q05	PX-Q3010	PX-Q4020
Output method	NPN.NO	PX-Q04-N	PX-Q05-N	PX-Q3010-N	PX-Q4020-N
	NPN.NC	PX-Q04-N2	PX-Q05-N2	PX-Q3010-N2	PX-Q4020-N2
	PNP.NO	PX-Q04-P	PX-Q05-P	PX-Q3010-P	PX-Q4020-P
	PNP.NC	PX-Q04-P2	PX-Q05-P2	PX-Q3010-P2	PX-Q4020-P2
	NPN.NO/NC PNP.NO/NC	PX-Q04-K	PX-Q05-K	PX-Q3010-K	PX-Q4020-K
Sensing direction	Vertical				
Hysteresis	≤ 10% of sensing distance				
Sensing distance		4mm	5mm	10mm	20mm
Response frequency		500Hz	500Hz	300Hz	50Hz
Recommended distance		0 to 3.2 mm	0 to 4 mm	0 to 8 mm	0 to 16 mm
Standard sensing object		Iron 18x18x1mm	Iron 17x17x1mm	Iron 30x30x1mm	Iron 40x40x1mm
Operating voltage	10~30VDC				
Current consumption	≤ 8 mA no-load				
Output current	30 VDC 100 mA Max				
Leakage current	≤ 1.1 mA no-load				
Residual voltage	≤ 1.5 VDC				
Operating temperature	-20°C ~ +60°C				
Wiring method		4.2 ∅ x 2M / 3 wires (K → 4.2 ∅ x 2 M / 4 wires)		5.2 ∅ x 2M / 3 wires (K → 5.2 ∅ x 2 M / 4 wires)	
Degree of protection		IP 64		IP 67	

Dimensions (Unit:mm)



Wiring diagrams

