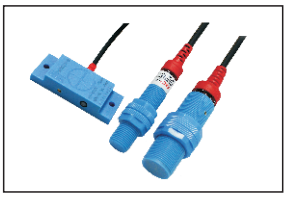
FKC series capacitive proximity sensor

Features:



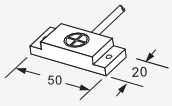
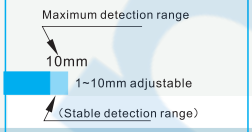
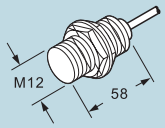
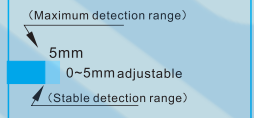
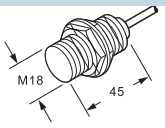
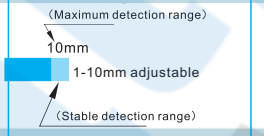
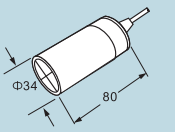
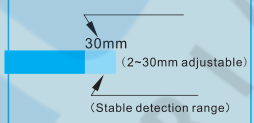
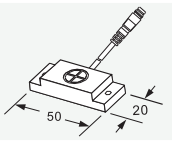
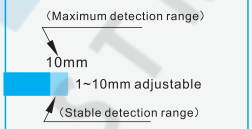
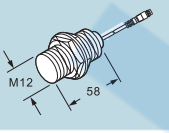
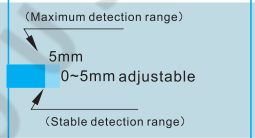
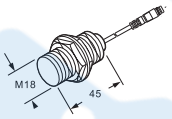
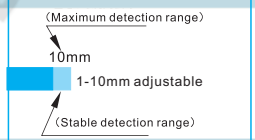
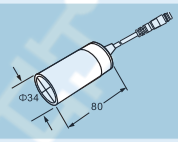
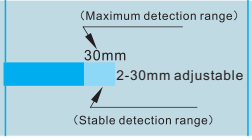
1.Sensing range from 1mm to 30mm.

2.Detection of liquid level and non-metallic objects.

3.M18 type can be customized to anti-copper and aluminum scrap material.

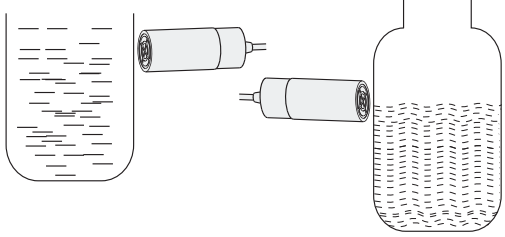
4.Vissible LED indicator from different directions, easy to know the operation state.

Procurement guide:

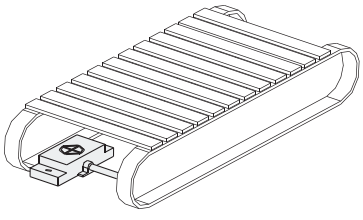
Category	Model	detection mode	detection distance	Standard Detection	entry cable
	FKCN2210-N FKCN2210-N2 FKCN2210-P FKCN2210-P2	NPN.NO NPN.NC PNP.NO PNP.NC		30×30×1 (iron)	Φ3×2M/3-wires
	FKC1205-N FKC1205-N2 FKC1205-P FKC1205-P2	NPN.NO NPN.NC PNP.NO PNP.NC		15×15×1 (iron)	Φ4×2M/3-wires
	FKC1810-N FKC1810-N2 FKC1810-P FKC1810-P2	NPN.NO NPN.NC PNP.NO PNP.NC		30×30×1 (iron)	Φ4×2M/3-wires
	FKC3430-N FKC3430-N2 FKC3430-P FKC3430-P2	NPN.NO NPN.NC PNP.NO PNP.NC		90×90×1 (iron)	Φ4×2M/3-wires
	FKCN2210-N/15D FKCN2210-N2/15D FKCN2210-P/15D FKCN2210-P2/15D	NPN.NO NPN.NC PNP.NO PNP.NC		30×30×1 (iron)	M8 connector with 150mm pre-wire cable
	FKC1205-N/15D FKC1205-N2/15D FKC1205-P/15D FKC1205-P2/15D	NPN.NO NPN.NC PNP.NO PNP.NC		15×15×1 (iron)	M12 connector with 150mm pre-wire cable
	FKC1810-N/15D FKC1810-N2/15D FKC1810-P/15D FKC1810-P2/15D	NPN.NO NPN.NC PNP.NO PNP.NC		30×30×1 (iron)	M12 connector with 150mm pre-wire cable
	FKC3430-N/15D FKC3430-N2/15D FKC3430-P/15D FKC3430-P2/15D	NPN.NO NPN.NC PNP.NO PNP.NC		90×90×1 (iron)	M12 connector with 150mm pre-wire cable

Applications:

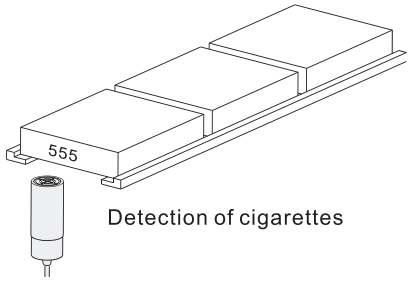
Detection of liquid level



Detection of powder



Detection of wood / paper



Detection of cigarettes

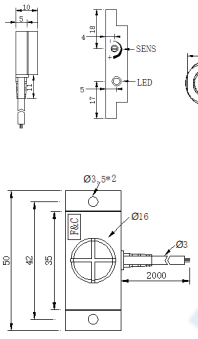
FKC series capacitive proximity sensor

Specifications:

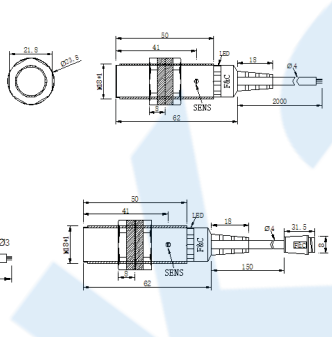
Model	FKCN2210-N FKCN2210-N/15D FKCN2210-N2 FKCN2210-N2/15D FKCN2210-P FKCN2210-P/15D FKCN2210-P2 FKCN2210-P2/15D	FKC1810-N FKC1810-N/15D FKC1810-N2 FKC1810-N2/15D FKC1810-P FKC1810-P/15D FKC1810-P2 FKC1810-P2/15D	FKC3430-N FKC3430-N/15D FKC3430-N2 FKC3430-N2/15D FKC3430-P FKC3430-P/15D FKC3430-P2 FKC3430-P2/15D	FKC1205-N FKC1205-N/15D FKC1205-N2 FKC1205-N2/15D FKC1205-P FKC1205-P/15D FKC1205-P2 FKC1205-P2/15D
Scanning distance	10mm	10mm	30mm	5mm
Recommened distance	2～10mm	2～10mm	2～30mm	1~5mm
Standard sensing object	Nonmetallic	Nonmetallic	Nonmetallic	Nonmetallic
Response friquency	600Hz			
Hysteresis	⩽10%			
Operating voltage	12～24VDC 10%			
Current consumption	＜10 mA No-load			
Load current	24V 100mA MAX			
Leakage current	＜0.01mA No-load			
Residual voltage	＜1. 0VDC			
Operating temperature	-25℃～+70℃			
Material	ABS or PBT			
Wiring method	Φ4×2M/3-wires			
Protection degree	IP66			

Dimensions:

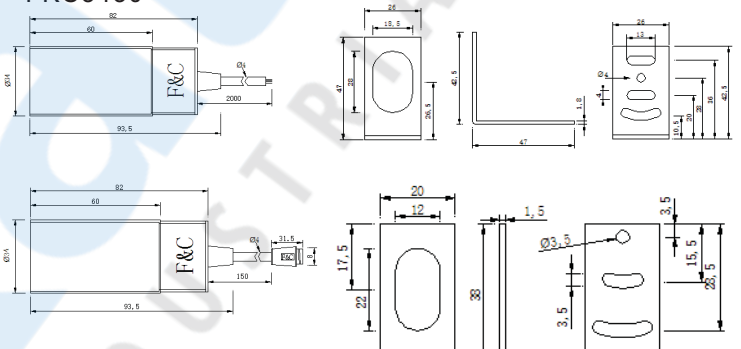
FKCN2210



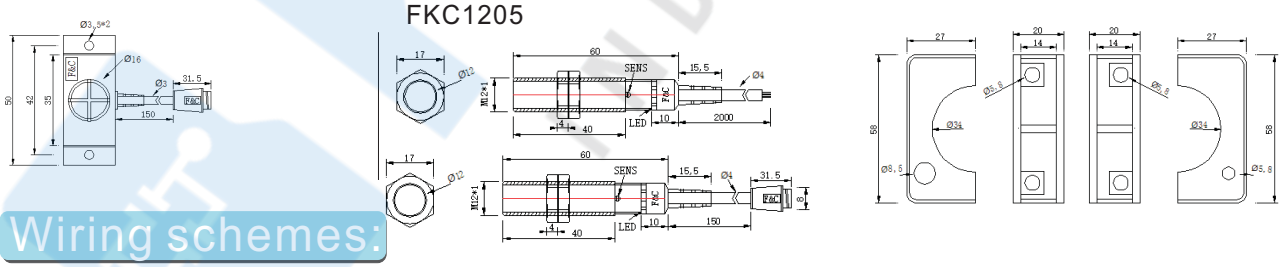
FKC1810



FKC3430

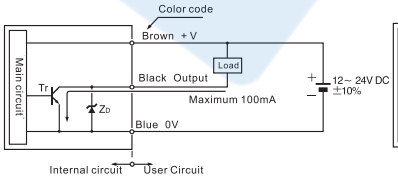


FKC1205

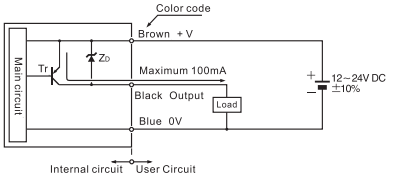


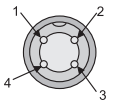
Wiring schemes:

NPN. NO/NPN. NC



PNP. NO/PNP. NC



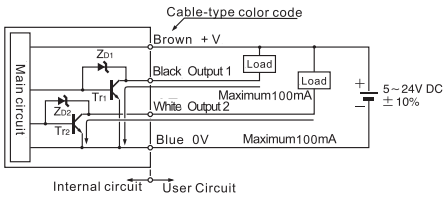


1.
2.12~24VDC
3. Output control
4.0V

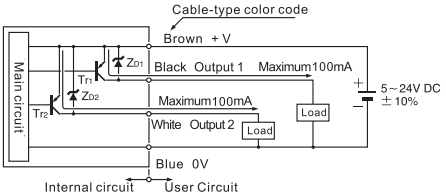


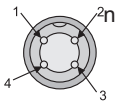
1 12-24VDC
2 Output control
3 0V

NPN. NO/NPN. NC



PNP. NO/PNP. NC





1. normally close
2.12~24VDC
3. normally open
4.0V