

FKG24 Series

DIGITAL CAPACITIVE TYPE
LIQUID LEVEL SENSOR

FKG24-13



FKG24-26

Safety Warning

- Do not use in an environment with flammable, explosive or corrosive gases.
- Do not use in an environment with oil or chemicals.
- Do not use in an environment with high humidity.
- Do not use in direct sunlight.
- Do not use under other environmental conditions that exceed the rated value.
- Do not disassemble, repair or modify the product without permission.

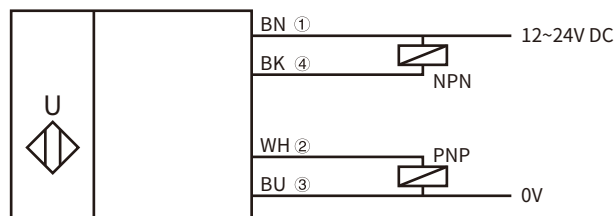
End-of-life Disposal

When the product is disposed of, please dispose of it as industrial waste.

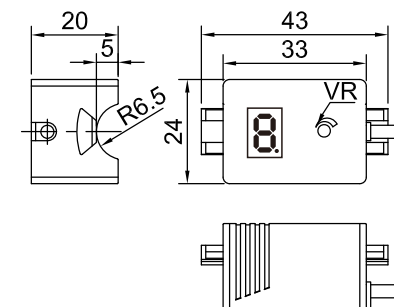
Specification

Installation Method		Non-embedded	
Model	NPN+PNP	Digital display FKG24-13NP-S	Digital display FKG24-26NP-S
Output Method		NPN+PNP	
Supply Voltage		DC12-24V	
Applicable pipe material		glass tube; PVC tube; ceramic tube; acrylic tube; rubber tube; PE tube and other non-metallic materials	
Applicable pipe outer diameter		Outer diameter: $\Phi 6$ - $\Phi 13$ mm	Outer diameter: $\Phi 13$ - $\Phi 26$ mm
Applicable pipe wall thickness		Wall thickness < 2mm	Wall thickness < 3mm
Measurement Range		13mm	26mm
Sensitivity Adjustment		Multi-turn adjustable	
Response Time		1ms	
Load Current		100mA	
Residual Voltage		<1.5VDC (Load current 100mA, wireway 2m)	
Repeat Accuracy		<5%	
Protect		Battery reverse connect protect, output short circuit protection	
Voltage Withstand		1000VAC 50-60HZ 1min	
Case Material		ABS plastic	
Operating Temp		-20~70°C	
International Protection		IP66	
Dimension		L*W*H 43*24*20mm	L*W*H 33*34*20mm
Connection Node		4 PIN 2m PVC cable	

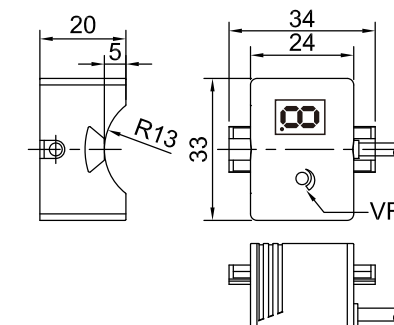
Wiring Diagram



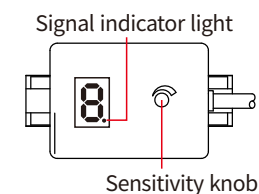
Dimensions



FKG24-13



Sensitivity Adjustment



Sensitivity adjustment can make the sensor give accurate signal, there are debris interference, flow less than when not trigger the switch action, all can be achieved by adjusting the sensitivity.

Product specifications are subject to change without notice.

For more information or if you have any questions or suggestions about this product, please feel free to contact us.