

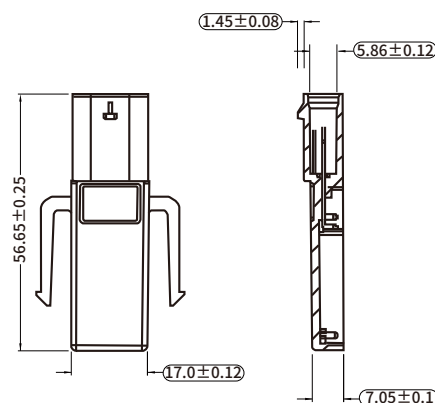
General Specification

Valve Position Sensor

NO: AS-1001



Dimensions (mm)



Product Characteristics

- Non-contact measurement - No mechanical contact between sensor and rotating shaft.
- Absolute position feedback - Provides real angular position 0 to 90 , 0 to 180.
- High resolution & accuracy - Enables precise coolant flow control.
- Compact integration e.g.Small PCB inside actuator housing or Integrated magnet + Hall IC.
- Multiple output types e.g. analog voltage 0.5 - 4.5V / PWM. Flexible for integration with BMS or ECU.

Applications

- Valve position Feedback detection for 5-way motorized coolant valves in a BMS cooling system

Product Performance Characteristics

Parameter	Rating
Power Requirement	DC Input: 12V $\pm$ 0.5V
The angle range of the ball valve -6° ~ 27°	DC Output: 1V $\pm$ 0.3V (10K Load) DC Output: 1V +0.6V /-0.4V (Automotive systemload condition)
The angle range of the ball valve 27° ~ 63°	DC Output: 2.5V $\pm$ 0.3V (10K Load) DC Output: 2.5V +0.6V/-0.5V (Automotivesystem load condition)
The angle range of the ball valve 63°~ 96°	DC Output: 4V $\pm$ 0.3V (10K Load) DC Output: 4V +0.7V/-0.6V (Automotive systemload condition)

Please contact sales@xintec.hk for latest product details

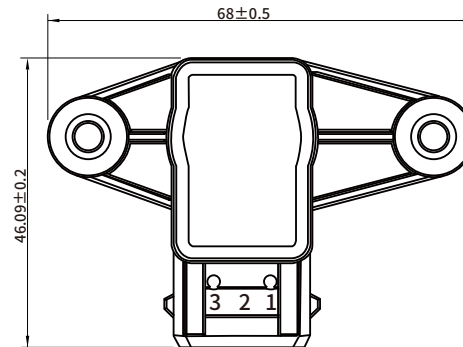
General Specification

Gear position sensor

NO: AS-6001



Dimensions (mm)



Product characteristics

- Non-contact Hall-effect sensing technology.
Magnetic position detection eliminates mechanical wear and ensures long service life.
- High-precision gear position feedback.
Accurate detection of selector shaft or internal transmission mechanism position.
- Automotive-grade durability.
Designed to withstand high temperature, transmission oil exposure, vibration, and mechanical shock.
- Fast response time.
Real-time signal output for smooth shifting and optimized transmission control.
- Excellent EMI/EMC immunity.
Stable performance in electrically noisy automotive environments.
- High repeatability and reliability.
Ensures consistent operation throughout the vehicle lifecycle.

Applications

- Automatic transmission gear position detection (P/R/N/D)
- Transmission range sensing and shift actuator feedback

Product performance characteristics

Parameter	Rating
Power Requirement	DC Input: 5V $\pm$ 0.03V
Rotation Angle valve 210°	DC Output: 0.49V ~ 0.51V
Rotation Angle valve 337.9°	DC Output: 4.655V ~ 4.845V
Rotation Angle error	$\pm 2^\circ$
Working Current	Max 10mA
Detectable angle range	0°~360°
Maximum withstand voltage	Max 20V
Classification of waterproof	IP68

Please contact sales@xintec.hk for latest product details

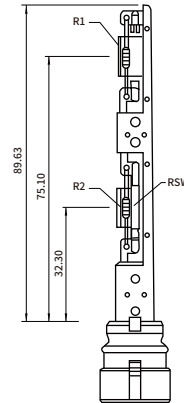
General Specification

Magnetic Float Sensor

NO: FS-5601



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10^8 switching cycles

Applications

- Coolant level sensing in coolant expansion reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 200V
Max. Carrying Current	DC 1.0A
Operating Temperature	-40°C ~ +125°C
Operating Humidity	RH 95% Max

Please contact sales@xintec.hk for latest product details

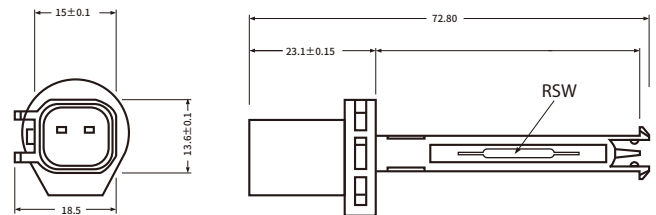
General Specification

Magnetic Level Sensor

NO: FS-5701



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type from Water, coolant, oil, washer fluid to dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10⁸ switching cycles

Applications

- Fluid level sensing in brake fluid reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 100V
Max. Carrying Current	DC 1.0A
Breakdown Voltage	150 V DC min
Operating Temperature	-40°C ~ +120°C
Operating Humidity	RH 95% Max

Please contact sales@xintec.hk for latest product details

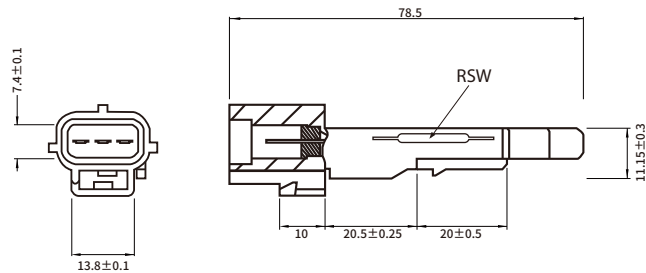
General Specification

Magnetic Level Sensor

NO: FS-5702



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type from Water, coolant, oil, washer fluid to dielectric fluid.
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10⁸ switching cycles

Applications

- Fluid level sensing in brake fluid reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 100V
Max. Carrying Current	DC 1.0A
Breakdown Voltage	150 V DC min
Operating Temperature	-40°C ~ +120°C
Operating Humidity	RH 95% Max

Please contact sales@xintec.hk for latest product details

NO: FS-5801

[illegible]

- Washer fluid level sensing in washer reservoir

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 100V
Max. Carrying Current	DC 1.0A
Operating Temperature	-18°C ~ +95°C
Operating Humidity	RH 95% Max

 www.xintec.hk

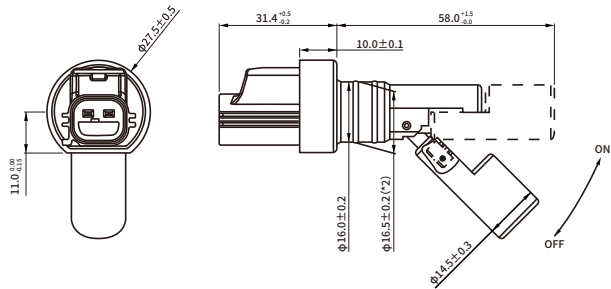
General Specification

Magnetic Float Sensor

NO: FS-5802



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, oil, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10^8 switching cycles

Applications

- Washer fluid level sensing in washer reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	AC 150V
Max. Carrying Current	DC 1.0A
Operating Temperature	-18°C ~ +95°C
Operating Humidity	RH 95% Max

Please contact sales@xintec.hk for latest product details

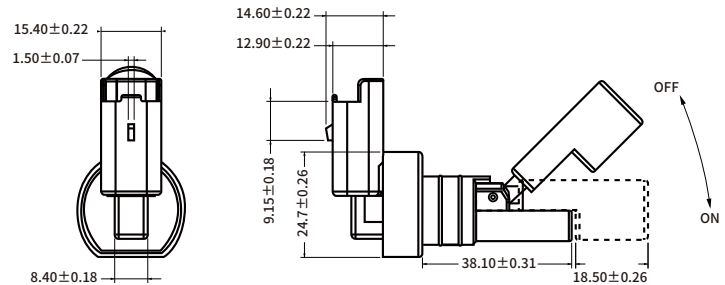
General Specification

Magnetic Float Sensor

NO: FS-5803



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, oil, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10^8 switching cycles

Applications

- Washer fluid level sensing in washer reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 100V
Max. Carrying Current	DC 1.0A
Operatin Temperature	-30°C ~ +80°C
Waterproofing grade	IPx7

Please contact sales@xintec.hk for latest product details

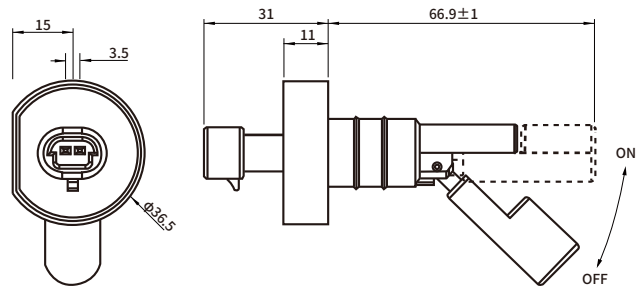
General Specification

Magnetic Float Sensor

NO: FS-5804



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, oil, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10^8 switching cycles

Applications

- Washer fluid level sensing in washer reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	20W
Max. Switching Voltage	DC 200V
Max. Carrying Current	DC 1.2A
Operatin Temperature	-40°C ~ +80°C
Operating Humidity	RH95%Max.

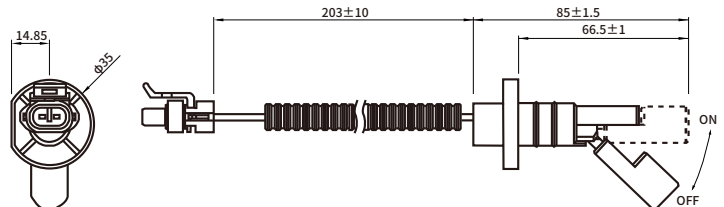
Please contact sales@xintec.hk for latest product details

General Specification

Magnetic Float Sensor

NO: FS-5805

Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, oil, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10^8 switching cycles

Applications

- Washer fluid level sensing in washer reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	20W
Max. Switching Voltage	DC 200V
Max. Carrying Current	DC 1.2A
Operatin Temperature	-40°C ~ +80°C
Operating Humidity	RH95% Max.

Please contact sales@xintec.hk for latest product details

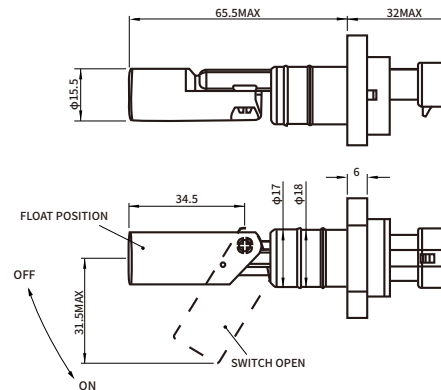
General Specification

Magnetic Float Sensor

NO: FS-5806



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, oil, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10^8 switching cycles

Applications

- Washer fluid level sensing in washer reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	20W
Max. Switching Voltage	DC 200V
Max. Carrying Current	DC 1.2A
Operatin Temperature	-40°C ~ +80°C
Operating Humidity	RH95%Max.

Please contact sales@xintec.hk for latest product details

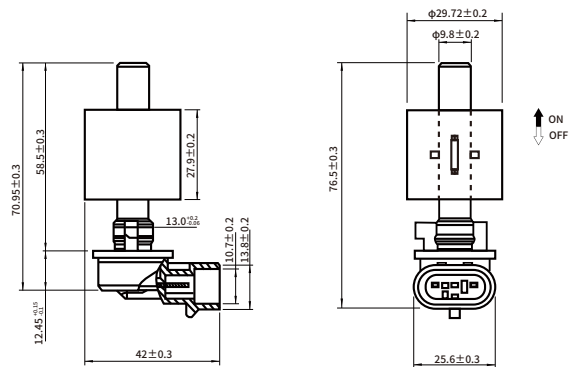
General Specification

Magnetic Float Sensor

NO: FS-9101



Dimensions (mm)



Product characteristics

- Non-contact electrical switching
- Works with any liquid type e.g. Water, coolant, oil, washer fluid, dielectric fluid
- Simple electrical interface e.g. NO/NC or SPDT.
- High environmental robustness
- Low power consumption e.g. No excitation current required
- Long electrical life e.g. 10⁸ switching cycles

Applications

- Coolant level sensing in coolant expansion reservoir

Product performance characteristics

Parameter	Rating
Contact Form	A (normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 200V
Max. Carrying Current	DC 1.0A
Operating Temperature	-40°C ~ +120°C
Operating Humidity	RH 95% Max

Please contact sales@xintec.hk for latest product details