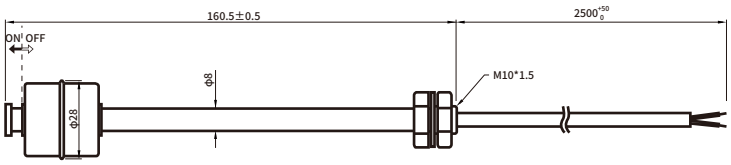
General Specification

Magnetic Liquid Level Sensor(SUS)

NO: FSS-6602

Dimensions (mm)



Product characteristics

- **Magnetically actuated switching mechanism**
  Float-integrated permanent magnet activates a hermetically sealed reed switch for accurate level detection.
- **Hermetically sealed contact system**
  Glass-encapsulated reed element ensures stable electrical performance and extended service life.
- **Electrically isolated from liquid media**
  No exposed live components, enhancing corrosion resistance and operational safety.
- **High reliability with low power consumption**
  Passive switching design suitable for energy-efficient and battery-powered systems.
- **Flexible mechanical configuration**
  Available in vertical or horizontal mounting, with single or multiple switching points.
- **Material and density customization**
  Float materials such as PP, PA, NBR, and stainless steel available to ensure compatibility with water, oil, coolant, and chemical liquids.
- **Custom cable and connector options**
  Tailored integration solutions to meet specific application and installation requirements.

Applications

- **Food & Beverage Equipment**
  Level detection for commercial refrigeration, and processing equipment to ensure safety.
- **Home Appliances**
  Level monitoring in washing machines, refrigerators, dishwashers, and dryers for safe and energy-efficient operation.
- **Water & Wastewater Management**
  Pump control, tank level monitoring, and overflow protection.

Product performance characteristics

Parameter	Rating
Contact Form	A (Normal open)
Max. Contact Rating	10W
Max. Switching Voltage	DC 100V
Max. Carrying Current	DC1.0A
Operating Temperature	-10°C ~ +80°C
Operating Humidity	RH 95%Max.

Please contact sales@xintec.hk for latest product details