

Model : RFS-15

RFT
RIKO Float Technology co., Ltd.

Ultra-Compact All-Stainless Steel Float Level Switch

RFS-15

Ø18 mm float with a pressure resistance of 1.0 MPa



All-stainless-steel construction ensures
durability and long-term reliability.

Engineered and manufactured in Japan
for stable operation in demanding industrial environments.

Ultra-compact all-stainless steel float level switch “RFS-15”

■ Size Comparison

Float Size	$\phi 28$ mm Height 27 mm	$\phi 18$ mm Height 22 mm
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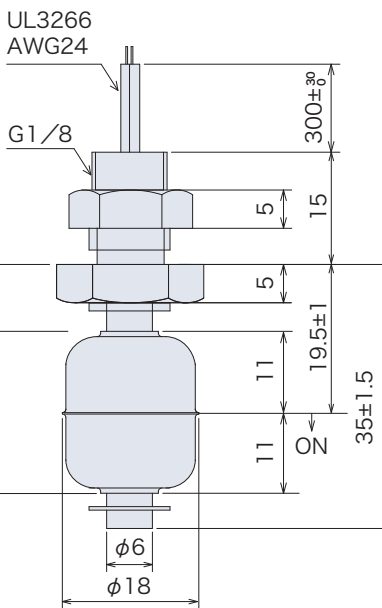
RFS-2



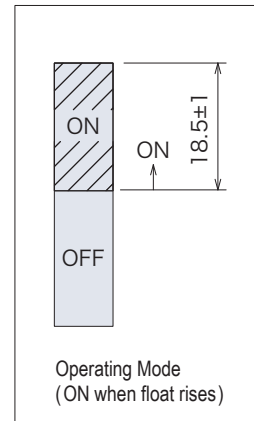
RFS-15



■ Dimensions



Overall Dimensions



Specifications

Operating Temperature (at atmospheric pressure)	-40°C to +120°C
Operating Pressure (at room temperature)	1.0 MPa
Float Specific Gravity	0.5±0.07

Material

Body / Stopper / Mounting Nut	SUS304
Float	SUS316L

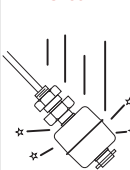
Electrical Ratings

Contact Rating	10W DC/AC
Dielectric Strength (between contacts)	150V DC
Maximum Switching Voltage	100V DC/AC
Maximum Switching Current	0.4A DC/AC

CAUTIONS

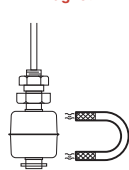
Please observe the following precautions to ensure proper use of the level switch.

NO Shock



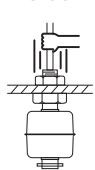
Do not drop the product, as this may affect its performance.

NO Magnet



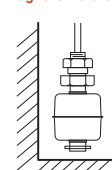
Keep the product away from magnets or strong magnetic fields, as this may cause malfunction.

NO Stretch



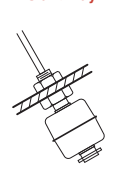
Do not pull the lead wires excessively, as this may cause damage or malfunction.

NO Magnetic Materials



Keep the product away from magnetic materials, as they may affect operating characteristics.

NO Slant Way



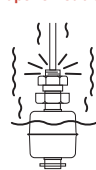
Do not install the product at an extreme angle, as the float may not operate correctly.

NO Sink Whole Part



Do not immerse the cable potting area or wiring in liquid, as this may cause insulation failure.

NO Vapor on Cables



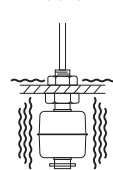
Avoid exposure of the cable potting area to vapor, as this may cause insulation failure.

NO High-Current Load



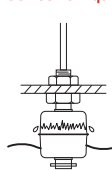
Do not connect directly to motors or high-current loads, as overcurrent may damage the contacts.

NO Vibration



Do not use the product in environments with excessive vibration, as this may cause chattering.

NO Corrosive Liquid



Do not use the product with liquids that may damage its materials, as this may affect long-term reliability.

RFT

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Remarks: *Specifications and product appearance are subject to change without prior notice.
*Colors shown in this catalog may differ slightly from the actual product.