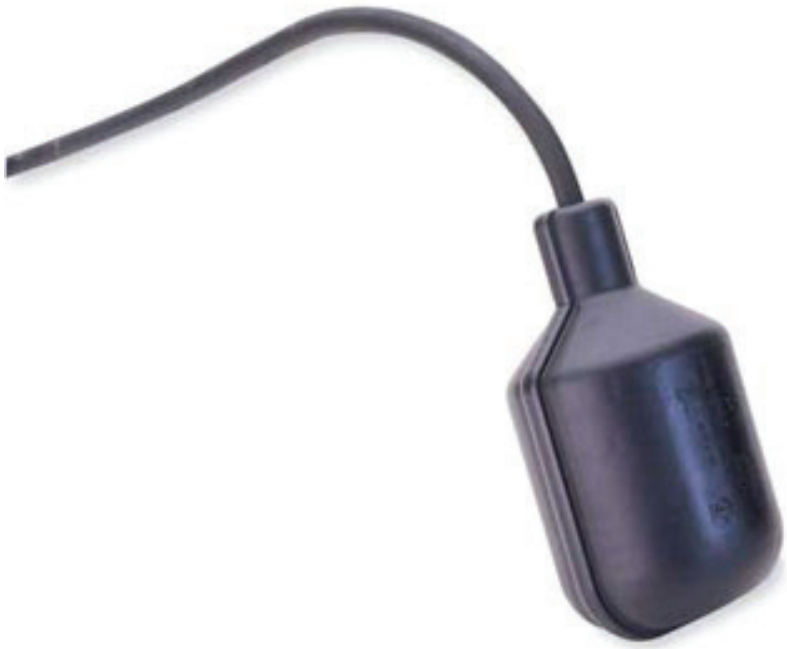
Cable Float Switch
Series FT-100 / FT-300

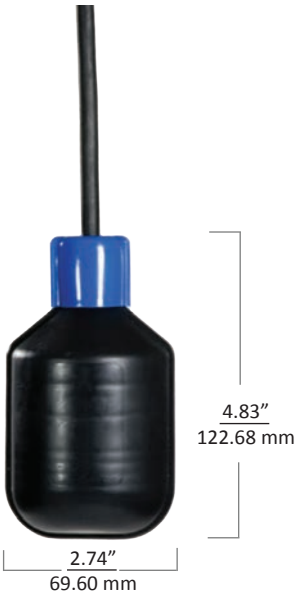


Series FT-100 / FT-300 Cable Float Switches are single point level sensors that switch ON or OFF at one level. They work well as alarm point indicators. The switch operating levels are easily adjustable, and the floats are designed for use in clean water and sewage applications.

Features

- Highly chemical resistant
- Proven reliability in operation
- Not sensitive to rotation

Series FT-100 / FT-300 Specifications



Performance

- Switching Differential:
  1.5 in. above or below horizontal (FT-100)
  4 in. above or below horizontal (FT-300)
- Maximum Pressure: 13 psi (0.9 bar)
- Maximum Water Depth: 30 ft (9m)

Connectivity

- Cable: 18 gauge, 2 conductor (NO/NC)
  18 gauge, 3 conductor (SPDT)

Environmental

- Max. Liquid Temperature:
  140°F (60°C)

Certification

- CSA General Purpose
- UL
- CPE (water resistant)

Electrical

- Voltage:
  FT-100: 125/250 VAC
  FT-300: 5 VDC, 30 VDC, 125 VAC
- Current:
  FT-100: 5 Amp (AC, Resistive)
  FT-300: 100 - 0.160 mA (125 VAC, 30 VDC)
  1 mA (5 VDC)
- 50/60 Hz

Physical

- Standard Cable Length: 6m (20 ft)
- Weight: 1 lb
- Housing: Polypropyline

Common Model Configurations

Model Number	Model Description
FT-100A	Normally Open Switch (High Alarm), ±1.5” switching differential, 6 meter Cable
FT-100B	Normally Closed Switch (Low Alarm), ±1.5” switching differential, 6 meter Cable
FT-100C	SPDT Switch, ±1.5” switching differential, 6 meter Cable

FT-100 Accessories

Please order separately, by part number.

Description	Part Number
FT-100-ACC11 - PVC coated cable weight 1.8 lbs (8Kg)	122907-0127
FG-100A - NO mercury switch	122907-0031
FG-100B - NC mecury switch	122907-0032

Common Model Configurations

Model Number	Model Description
FT-300A	Normally Open Switch (High Alarm), ±4” switching differential, 6 meter Cable
FT-300B	Normally Closed Switch (Low Alarm), ±4” switching differential, 6 meter Cable

Model Configuration Options

Model Number: FT - 100 - ____ - ____
A B

A. Model and Function

☐ **A** (NO) Normally Open - High Alarm, ±1.5” switching differential
☐ **B** (NC) Normally Closed - Low Alarm, ±1.5” switching differential
☐ **C** (SPDT) Can be either NO or NC, ±1.5” switching differential

B. Cable Length

☐ (**Null**) 6 m
☐ _____ Number represents cable length, in 5-ft increments

Model Number: FT - 300 - ____ - ____
A B

A. Model and Function

☐ **A** (NO) Normally Open - High Alarm, ±4” switching differential
☐ **B** (NC) Normally Closed - Low Alarm, ±4” switching differential

B. Cable Length

☐ (**Null**) 6 m
☐ _____ Number represents cable length, in 5-ft increments