



Mechanical liquid level switch

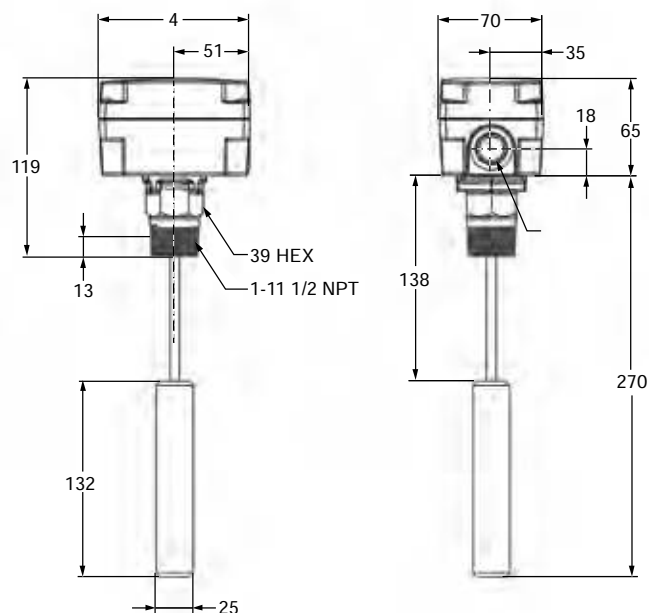
F263

Liquid level float switch

The F263 series liquid level float switches are designed to maintain a liquid level in indoor or outdoor closed tanks that hold water or other nonhazardous liquids. When the liquid level in the tank rises above or falls below the required level, the single-pole, double-throw (SPDT) switch closes one circuit and opens a second circuit.

Features

- ▶ Viton® diaphragms
- ▶ Single-pole, double-throw switch
- ▶ Sturdy type 4 (NEMA) enclosure
- ▶ Solid polycarbonate float



Ordering information

Codes	Description
F263MAP-V01C	SPDT float switch with Type 4 (NEMA) enclosure and polycarbonate float for liquid temperatures -29 to 100°C; maximum liquid pressure 150 psig (1,035 kPa)

Mechanical liquid level switch

F263

Technical specifications

Electrical ratings

Volts 50/60 Hz	UL60730				EN60730	
	24	120	208	240	24	230
Horsepower	---	1	1	1	---	---
Full load Amperes	---	16	10	10	---	8
Locked rotor Amperes	---	96	60	60	---	48
Resistive Amperes	16	16	10	10	16	16
Plot duty VA	125	720	720	720	125	720

Switch	Single-Pole, Double-Throw (SPDT)
--------	----------------------------------

Enclosure	<i>UL</i> Type 4 (NEMA) <i>CE</i> IP67
-----------	---

Wiring Connections	Three color-coded screw terminals and one ground terminal
--------------------	---

Conduit Connection	One 22 mm hole for 1/2 in. trade size (or PG16) conduit
--------------------	---

Pipe Connector	1 in. 11-1/2 NPT threads
----------------	--------------------------

Minimum Tank Diameter	229 mm
-----------------------	--------

Maximum Liquid Pressure	150 psig (1,035 kPa)
-------------------------	----------------------

Liquid Temperature Range	<i>Minimum</i> -29 °C or liquid freezing point
	<i>Maximum</i> 100 °C

Ambient Conditions	<i>Minimum</i> -40 °C
	<i>Maximum</i> 60 °C

 Compliance	Johnson Controls International Plc, declares that these products are in compliance with the essential requirements and other relevant provisions of the EMC Directive and Low Voltage Directive.
---	--