

Vertical Mount Magnetic Liquid Level Switches (LS01-LS06 / LS09-LS12)

Vertical & Horizontal Mount Float Switches in PP, PVDF, NBR & Stainless Steel

Product Overview

Misensor LS Series liquid level switches consist of a hermetically sealed reed switch stem and a magnetic float. As the liquid level rises or falls, the internal magnet in the float actuates the reed switch to provide reliable high/low level alarm or pump control with zero standby power consumption.

Key Features

- Food-grade PP, chemical-resistant PVDF, NBR & SUS3...
- Reversible N.O. / N.C. contact action by inverting...
- Single-point or multi-point level detection up to ...
- 10W (low voltage PLC) and 50W/70W (high load) swit...
- Operating temperatures from -40°C up to +125°C (SU...

Typical Applications

- Drinking water dispensers, coffee machines & steam...
- HVAC condensate pans, humidifiers & dehumidifiers
- Chemical tanks, hydraulic reservoirs & industrial ...
- Automotive coolant expansion tanks & washer fluid ...

Technical Specifications & Model Selection

Model	Mount Orientation	Stem / Float Material	Stem Length	Max Power	Max Voltage	Operating Temp
LS01	Vertical (M8)	PP / PP	37mm	10W / 50W	200V DC	-20°C to +80°C
LS02 / LS02S	Vertical (M8)	PP / PP or NBR	43mm	10W / 50W	200V DC	-20°C to +80°C
LS03	Vertical (M8)	PP / PP or NBR	53mm	10W / 50W	200V DC	-20°C to +80°C
LS04 / LS05	Vertical (M10)	PP / PP or NBR	75mm / 100mm	10W / 50W	200V DC	-20°C to +80°C
LS06 / LS07	Horizontal Side	PP / PP	Side Mount	10W / 50W	200V DC	-20°C to +80°C
LS08	Horizontal Bend	PP / PP	M10x98mm	10W / 50W	200V DC	-20°C to +80°C
LS09 / LS10	Vertical (M10)	SUS304 / SUS304	45mm-500mm	10W / 50W	200V DC	-30°C to +125°C
LS11 / LS14	Vertical / Side	PP or SUS / NBR	55mm-250mm	10W / 50W	200V DC	-30°C to +105°C