



SPIN
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Application Magnetic level switch for alarm, limit and control functions.

Mounting Side mounting outside the tank.
Top mounting directly in the tank.
Horizontal mounting directly in the tank.
Flange or thread or socket welding connections.

Types	SPIN LL	Side mounting in chamber outside the tank. Side/side connections. Up to two switching points.
	SPIN LF	Side mounting in chamber outside the tank. Side/bottom connections. Up to two switching points.
	SPIN F	Top mounting directly in the tank. Up to four switching points.
	SPIN L	Horizontal mounting directly in the tank. Up to two switching points.
	SPIN G	Top mounting directly in the tank. One float with rigid stem. Up to two switching points.
	SPIN T	Top mounting directly in the tank. Two floats with rigid stem. Two switching points.
	SPIN AP	Horizontal mounting in chamber outside the tank. Suitable for high pressure. One switching point.

Working parameters

Pressure _____ < 200 bar

Temperature _____ - 60 + 400 °C

Fluid specific gravity _____ > 0,6 Kg/l

Operation The buoyancy force of a process liquid moves a float or a displacer. The shifting of the float/displacer moves an attraction sleeve into the field of the switch magnet, pulling the magnet toward the sleeve and actuating the switch quickly and reliably. Field adjustable switching point and differential.

Features Materials and sizes are related to tank characteristic and working conditions such as pressure, temperature and type of liquid contained in the tank.

Limit switch

Standard execution:	SPDT microswitch
Special executions:	SPDT microswitch sealed by inert gas SPDT microswitch with gold-plated contacts SPDT reed switch cartridge

All type available DPDT (two SPDT simultaneous)

Housings

General working conditions:	IP67 watertight housing
Areas subject to explosion hazard:	E Ex-d IIC T6 IP 67

Accessories Cooling extension for high temperatures (T > 150°C)

Certifications ATEX 94/9/EC PED 97/23/EC
RINA