



MLS20-SM

Side Mounted Magnetic Level Switch

Technical
Specification
Document

Approvals & Certifications:



Description

Side Mounted Level Switch is based on buoyancy principle. It is used for controlling the liquid level in underground & overhead tanks.



Operation

It consists of a pivoted float assembly & a switch enclosure. A magnet that is built into the float actuates through the wall of a guide stem. The float buoys up along with the level rise and actuates the magnetic switch which is kept inside the stem. The magnetic transmission is glandless, leaving no scope for leakages from vessel into switch housing.

These switches are manufactured in various materials, enclosures & special features to suit broad range of media / applications.

Specification

Enclosure	: Weatherproof /Cast Al. IP65 Flame Proof to Gr.IIA IIB
Mounting	: Side
Process Connection	: Flange
Wetted Part	: SS/MS/PP/PTFE/PVDF
Float	: Dia,45 , 52 mm , 60 mm
Switch Type	: Micro Switch
Switch Contact	: SPDT/2SPDT 5A@250VAC
Conduit Connection	: 3/4" ET , 1/2" NPT or BSP
Min. Specific Gravity	: 0.75
Max. Temperature	: Upto 150°C, & 350°C (with cooling fins)
Maximum Pressure	: Up to 20 Kg/cm ²

Features

Reliable & low cost
PC/PLC/DCS, Alarm Annunciator configurable
Available with External Chamber

Application

Fuel oil tank control, Boiler feed water drum control, cooling tower lubrication/cooling/filtration systems, paint shops, water/waste water treatment etc.

Specifications are subject to change without prior notice



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