



STEAMGEN & CONTROL SYSTEMS

IBR Steam Boilers/Heat Pumps/Steam Generators/Hot-Water Generators/ Thermic-Fluid Heaters.

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Enquiry: +91 9999270983/ +91 9990972727

Corporate Office : K-166, Sector-5, DSIIDC, Bawana, New Delhi-110039, India.

Works: Plot no.5, Kh.15/12/2, Laxmi Park, Phase-II, Ranhola Extension, Nangloi, New Delh-110041.

GST no.07BOAPS9682H1ZD



Side-Mounted Level Switch

SIDE MOUNTED LEVEL SWITCH: SCS-SMLS

Introduction

Side mounted level switch are suitable for fitting into tank or similar vessels for indicating or controlling the level of a liquid. These switches can either be supplied in weather proof housing, Explosion proof housing or for intrinsically safe application.

Principle of Operation

A change of liquid level correspondingly travels the float to Extreme level UP and DOWN. This movement of float in turn Causes a magnet to move into the proximity of micro switch, Resulting in switch actuation.

Specification

Maximum Switch Differential	: Within 18mm of level change Of liquid at S.G 1
Minimum S.G.	: 0.5
Switch Housing	: Aluminum alloy
Electric Connection	: ½" NPT (other optional)
Maximum Repeatability	: ±1.5mm
Float & Linkage	: SS316/SS316
Max. Pressure	: A) 15kg/cm ² 'A' & 'G' flanges. (FL)



	B) 100kg/cm ² for standard ASA/DIN flanges (FL)
Max. Temperature	: A) Upto 224 Deg. C. without cooling External Cage Level Switch Fins B) Above 224 Deg. C. with cooling Fins
Minimum ID of Nozzle	: More than 50mm to enable the float to pass.
Maximum ID of Nozzle	: 160mm
Wet Side Flange	: SS, Bronze (WF)
Type	: Side Mounted (SM), Side Mounted With Fins(SMF), External Cage Mounted (EC)

CODE FOR ORDERING

1. SIDE-MOUNTED LEVEL SWITCH (SCS-SMLS-FL-WF-SM/SMF/EC).