

STEAMGEN & CONTROL SYSTEMS

OFFICE/WORKS: K-166, SECTOR-5, DSIDC, BAWANA, NEW DELHI-110039
WEBSITE: WWW.STEAMGENGLOBAL.COM, EMAIL: MKT@STEAMGENGLOBAL.COM
TEL.: +91-11-65572727 MOB.:+91 7720834658/9990972727



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) Upto224 Deg. C. without cooling Fins



External Cage Level Switch

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).