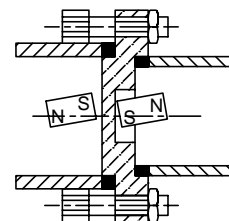




FEATURES

- ❑ Modular construction ...
 1. Switch module.
 2. Flange module.
 3. Float module.This means it gives flexibility with unlimited switch combinations to suit individual needs.
- ❑ Available in Electric On/Off and Pneumatic Proportional.
- ❑ Electric Switch available in Flameproof version.
- ❑ Available with fixed or adjustable differential.
- ❑ High temperature version available.
- ❑ All wetted parts in stainless steel.
- ❑ Different types of Float Chambers available.

OPERATING PRINCIPLE



The Float movement of the level switch is transmitted through a solid non magnetic wall by the repulsion of like magnetic poles. This ensures that the float magnet imparts a snap action to the electric or pneumatic switch elements. 'S.B.E.M.' level switches are absolutely leak proof & not subject to material fatigue due to gland less design.

1 SWITCH MODULES

Type selection depending on application :

- Output required : electric or pneumatic
- Required action / function : Alarm annunciator, Motor starter or Pneumatic proportional valves.
- Type of enclosure to meet environmental conditions: Flame Proof or Weather Proof IP 65 / IP 67.
- Max. operating temperature inside vessel / tank for high temperature stand off.

Type Code	Output		Terminal Configuration	Enclosure material of construction	Degree of protection	Max. ambient temp.	Max. operating temp.
ES	Electric ON/OFF		C/O contact position with one microswitch 	Stainless steel AISI 316	IP 65	0-80°C	0-200°C
EA	Electric ON/OFF				IP 67	0-80°C	0-200°C
EX	Electric ON/OFF flame proof to Group II A & II B as per IS-2148		C/O contact position with two microswitches 	Stainless steel AISI 316	IP 65	0-70°C	0-200°C
EY					IP 67	0-70°C	0-200°C
H	High temp. stand off with electric ON/OFF			For high temp. stand off sleeve-cast aluminium Grade LM 6	IP 65	0-70°C	-20 to 300°C
					IP 67	0-70°C	-20 to 300°C

Operating pressure : 30 Kg/cm² (wet side)
 Contact rating : 5 Amps 230 VAC Resistive, (standard)
 CCE certificate no. : R(1) 136/SB ELECTRO-MECHANICAL Dated - 19/03/97.
 CMRS Certificate no. : V/1/1/501 Dated - 30/07/91.

Gasket : AFR

Type Code	Output		Input / Output diagram and pressure ratings	Enclosure material of construction	Max. ambient temp.	Max. operating temp.
PNP	Pneumatic Proportional		E - Exhaust Port S - Input Port 1.4 Kg/cm ² air pressure C - Controlled output port 0.2 to 1.0 Kg/cm ² 	Aluminium	0-70°C	0-300°C

Supply connections : Std. 1/8" NPT (female), Optional 1/4" NPT (male/female), 1/4" BSP (male/female) with adaptors. Instrument quality air supply is essential for PNP switch modules. For more details on PNP switch controller refer LF-137-0808

