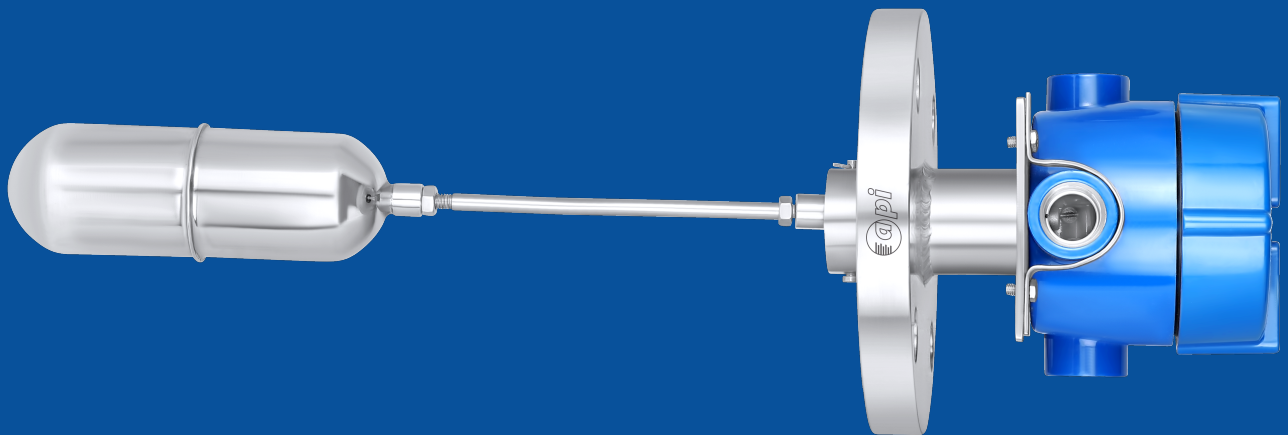


SIDE MOUNTED LEVEL SWITCH

MODEL C3.01



PRODUCT DESCRIPTION

Side mount level switches operate based on non-contact magnetic float and reed switch technology and are actuated by a rise or fall in fluid levels. Non-contact sensors offer broad fluid compatibility and are ideal for operations involving chemicals or high-temperature fluids. Designed for single point tank monitoring, side mount level sensors can be mounted from inside the tank and outside the tank using a compression grommet or tapped hole. This design accommodates large or small tanks and vessels, allowing use in a broad range of level measurement application



SIDE MOUNTED LEVEL SWITCH

MODEL C3.01

KEY FEATURES

- Economical
- Easy installation
- Time proven design
- Replaceable electrical assembly

SPECIFICATIONS

Switch type & rating	: Microswitch & 5A / 250VAC / 24 VDC
Switching differential	: Fixed
Switching Action	: Snap action
Specific gravity	: 0.75
Insertion Length	: 215 ~ 300 mm
Max. Pressure	: 10 kg/cm ²
Working Temperature	: -10°C to +120°C (Max.)

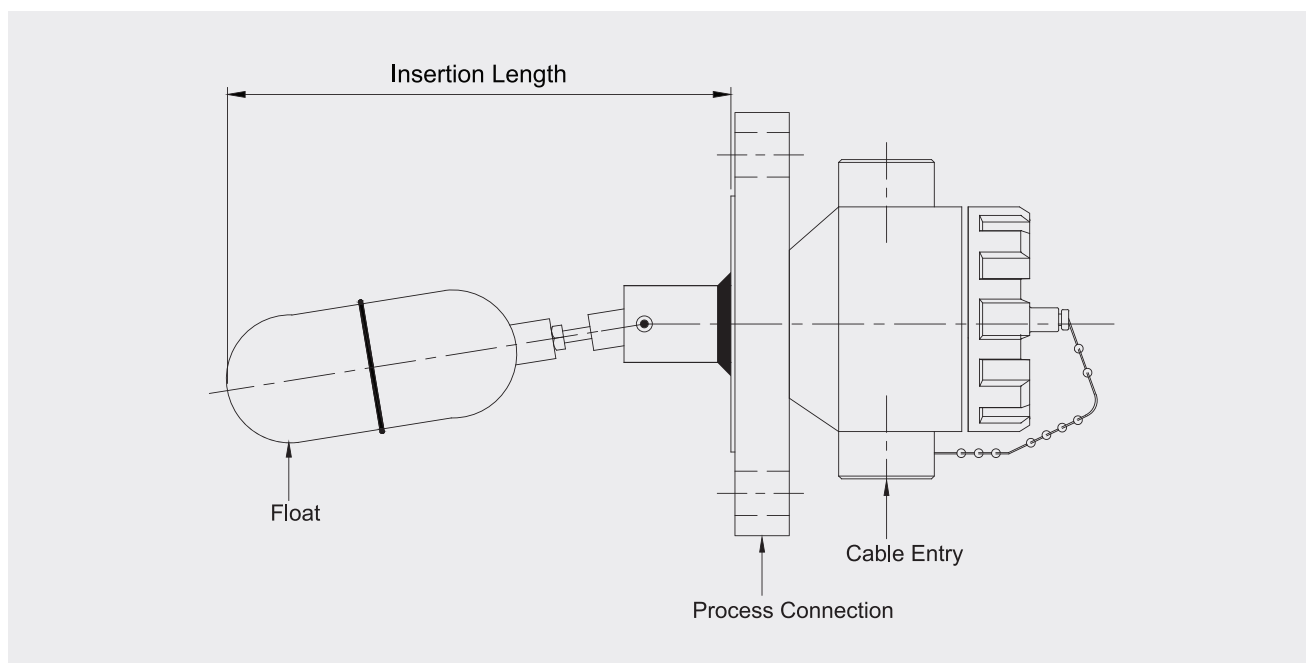
APPLICATION

- Ship building industry
- Sewage & water treatment plant
- Chemical processing equipment
- Alarms for hydro-pneumatic tanks
- Food, Pharmaceuticals, Chemical & Power plants

MATERIAL OF CONSTRUCTION

Wetted parts	: SS 316
Float	: SS 316
Process connection	: Flanged & screwed
Enclosure material	: Die-cast aluminum
Electrical connection	: ½" NPT (F)
Ingress protection	: IP 66

DIMENSIONAL DRAWINGS



Important Notes: Above drawings are not to scale. All Dimension are in mm.

SIDE MOUNTED LEVEL SWITCH

MODEL C3.01

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	C3.01	S	S6	K2	34NM	SF	E2	1	X26
Type Side Mounted Level Switch	C3.01	C3.01								
Version Standard	S		S							
High Temperature	H									
Wetted Part & Float SS 316	S6			S6						
SS 316L	SL									
Polypropylene	PP									
Type of Switches 1 SPDT	K2				K2					
1 DPDT	K3									
2 SPDT	K4									
Process Connection (Size & Type) ½" NPT (M)	12NM									
½" BSP (M)	12BM									
M20×1.5 (M)	M20M									
¾" NPT (M)	34NM					34NM				
¾" BSP (M)	34BM									
1" NPT (M)	25NM									
1" BSP (M)	25BM									
2" NPT (M)	50NM									
2" BSP (M)	50BM									
Ref Table '1' for flange connection	XXX									
Enclosure None	XX									
Screwed type, Flameproof IP 66 Gr IIA IIB in Die-cast Aluminum	SF						SF			
Screwed Type, Explosion proof, IP 66 Gr IIC in Die-cast Aluminum	SE									
Screwed Type, Weather proof, IP 66 in Die Cast Aluminum	SW									
Ex-Proof to CSA,FM,ATEX [Ex-d]	EP									
SS 304-Weatherproof,IP-66	S4									
SS 316-Weatherproof,IP-66	S6									
SS 304-Flameproof,IP-66	F4									
SS 316-Flameproof,IP-66	F6									
Cable Entry Connection None	XX									
1/2" NPT (F)	E2							E2		
1/2" BSP (F)	E3									
3/4" ET (F)	E5									
M20×1.5 (F)	E6									
No. of Cable Entry One	1								1	
Two	2									
Other Options SS Tag Plate	X26									X26
PTFE coated on wetted parts	X34									

SIDE MOUNTED LEVEL SWITCH

MODEL C3.01

Table –1 AS PER ANSI B 16.5

NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE	NOMINAL SIZE	RATING/ CLASS	CODE
1/2"	150	B09	1"	150	B21	1 1/2"	150	B33	2 1/2"	150	B45
	300	B10		300	B22		300	B34		300	B46
	600	B11		600	B23		600	B35		600	B47
	900	B12		900	B24		900	B36		900	B48
	1500	B13		1500	B25		1500	B37		1500	B49
	2500	B14		2500	B26		2500	B38		2500	B50
3/4"	150	B15	1 1/4"	150	B27	2"	150	B39	3"	150	B51
	300	B16		300	B28		300	B40		300	B52
	600	B17		600	B29		600	B41		600	B53
	900	B18		900	B30		900	B42		900	B54
	1500	B19		1500	B31		1500	B43		1500	B55
	2500	B20		2500	B32		2500	B44		2500	B56

SAMPLE ORDERING CODE:

C3.01-S.S6.K2.34NM.SF.E2.1.X26

Note: Specification's and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and material specified may be replaced by others without prior notice.