SIMPLE   S1.P12

Level switch

GENERAL CHARACTERISTICS

CE

Standard unit designed for the OEM market that, for material and size, it offers to the user a simple and economical solution to control the liquid level.

The unit is supplied with 500 mm leads length; other lengths are available on request. The contact is supported by a printed circuit board as a guarantee of its positioning and is sealed inside the rod with epoxy resin and polymerization is performed in a controlled temperature oven.

The principle of operation is based on the actuation of a reed contact by a magnetic float.

The only moving element is the float that moves due to the hydrostatic thrust.

A sturdy product and maintenance-free.

- Construction entirely in natural polypropylene
- Working pressure up to 4 bar
- Operating temperature up to 90 ° C
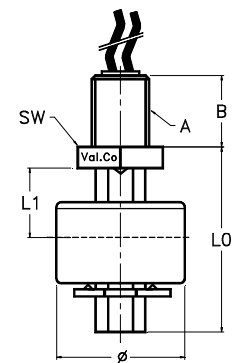- Minimum degree of protection IP65

TECHNICAL DATA   Tab.1

		Code
Float	Natural polypropylene	-
Specific gravity	0,52	-
Rod	White polypropylene	P
Process thread	M8x1,25	8HP
Max. pressure	4 bar (at 25°C)	-
Max. temperature	90 °C	D
Electrical connection	PVC leads – 500 mm length	T

DIMENSIONS   Tab.2

	mm.
L0	26
L1	9
Ø	18
SW	12
B	10
A	M8 x 1,25

L1 = Switch point with liquids of specific gravity = 1

ELECTRICAL CONTACT   Tab.3

TYPE		POWER		VOLTAQGE		CURRENT	
		VA	W	AC	DC	AC	DC
XB	SPST	10	10	100	100	0,5	0,5

WIRING   Tab.4

I	Independent	Separately wired contact

2	NC	Contact status in no level condition
1	NO (*)	

(*) The NO condition is obtained by turning the float of 180°

NOMENCLATURE

S1 . P12	XB	0026	P	8HP	T	D	I1	L1		
●										Type
	●								Tab. 1	Electrical contact
		●							Tab. 2	Total length = L0
			●						Tab. 1	Rod material
				●					Tab.1-2	Process connection thread
					●				Tab. 1	Electrical connection
						●			Tab. 1	Temperature class
							●		Tab. 4	Wiring and contact status
								●	Tab. 2	Switch point

We reserve the right to change the data without notice

Level   Flow   Pressure   Temperature   Electronic

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