

GENERAL CHARACTERISTICS

This level switch, with its reduced overall dimensions and simplicity of installation, offers a reliable solution for the control of liquids in all applications where it is necessary to mount a lateral type.

The standard version is for installation from inside the tank, on request, execution with possibility of mounting from outside the tank are available.

- Reed contact.
- Maximum working pressure 30 Bar.
- Maximum working temperature 110 °C
- Degree of protection IP65
- ATEX Exia  construction.



TECHNICAL DATA

Tab.1

DN	Process connection		Float S.G.	Max. pressure Bar	Max. temperature °C	Hysteresis mm	Weight g
	Assembly from inside	Assembly from outside					
16	M16 x 1,5	On request	0,67	30	110	8	190
		Class	L				

Male thread

K M16 x 1,5

Body material

S
AISI-316

Float material

S52
AISI-316

Lever mechanism material

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AISI-316

ELECTRICAL CONTACT

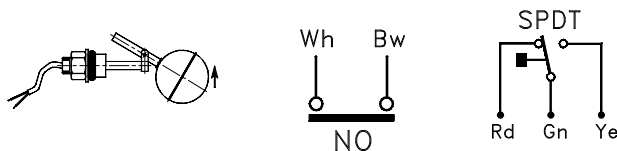
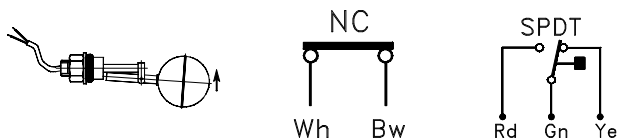
Tab.2

Type		Power		Voltage		Current	
		VA	W	AC	DC	AC	DC
3	SPST	70	50	300	350	0,5	0,7
7D	SPDT	20	20	150	150	0,5	0,5

WIRING

Tab.3

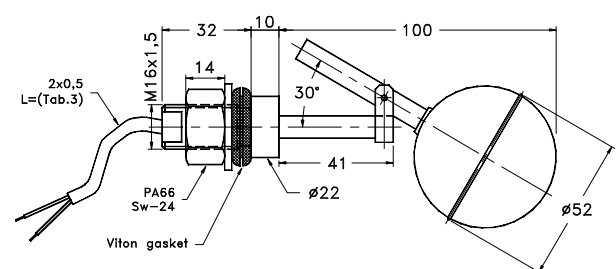
		Code
Cable	1,5 m.	C1
	3,0 m.	C2
Protection	-	IP65



NOMENCLATURE

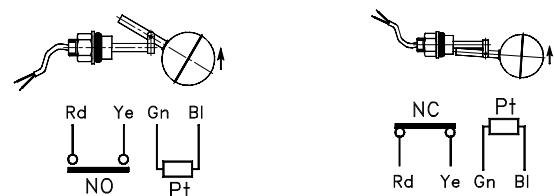
L1	S52	SML	3	16	KS	C1L	PT100
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	•						
		•					
			•				
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						•	
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DIMENSIONS mm.



PT100 PT1000 OPTIONS

Tab.4



-	Lateral installation – 1 contact
Tab.1	Float
-	Type
Tab.2	Electrical contact
Tab.1	Process connection dimension
Tab.1	Thread, process connection and body material
Tab.1-3	Electrical output – temperature class
Tab.4	Pt 100 - Pt 1000 sensor option