

GENERAL CHARACTERISTICS

Level controls with 1 electrical contact, reliable, compact and easy to install. Designed to offer a range of level switches to meet the request for a cheap monitoring of the level in small tanks.

- Connection: **Brass - Alluminum - PVC**
- Closed cell float.
- Hermetic and replaceable electrical contact.
- Operating ambient temperature -30 / +55 °C - 90% R.H.
- Easy mounting, threaded or flanged.
- Minimum degree of protection IP65.



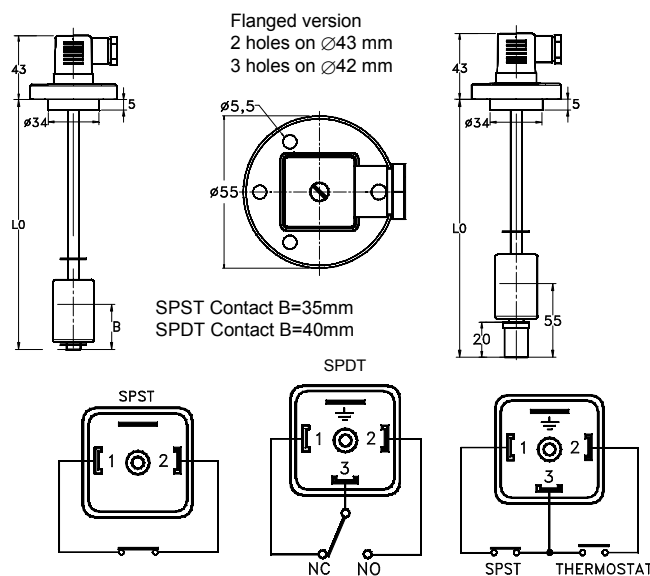
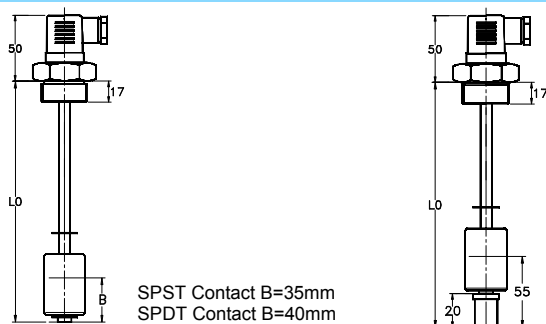
TECHNICAL DATA

Tab.1

	Description										Code
Float	SPANSIL –Butadiene Acrylonitrile Copolymer closed cells										
	Ø 30 x 45 mm				S.G. 0, 35				20 Bar		B45
Rod length L0 mm	0100	0150	0200	0250	0300	0350	0400	0450	0500	Brass	O. L0
Process connection	Threaded		1" UNI 228/1 male thread				SW 40		Brass		25GO
									Anodized aluminium		25GD
	Flanged		Double fixing (2 or 3 holes)				Ø 55 mm		PVC	25GV	
									Brass		FOPX
									Anodized aluminium		FDPX
								PVC		FVPX	
Electrical contact	SPST	N.C.	N.O.	Overturning the float of 180°		300 VAC 350 VDC		50W	70VA	0,5A 0,7A	3
	SPDT	Changeover contact					230V	60W	60VA	1A	7
Built-in thermostat °C	30	40	50	60	70	80	90	100	N.O.	°CT1	
On request									N.C.	°CT2	
Electrical output	DIN 43650 plug						IP 65				S1
Max. temperature °C	105°C										L
Sealing gasket	NBR flat gasket anti-oil										1

DIMENSIONS

Tab.2



WIRING

Tab.3

With the thermostat option the customer must define the electrical contact condition. The contact and the thermostat are common wired.

I = Independent C = Common

2 = NC

3 = SPDT

Wiring

Contact status in no level condition

NOMENCLATURE

S1 B45 3 0500 O 25GO S1 L 1 I2 60T1

	S1	B45	3	0500	O	25GO	S1	L	1	I2	60T1	Type
•	•											Tab.1 Float
		•										Tab.1 Electrical contact
			•									Tab.1 Total length = L0 mm.
				•								Tab.1 Rod material
					•							Tab.1 Process connection
						•						Tab.1 Electrical output
							•					Tab.1 Temperature class
								•				Tab.1 Sealing gasket
									•			Tab.3 Wiring
										•		Tab.1-3 Thermostat (on request)