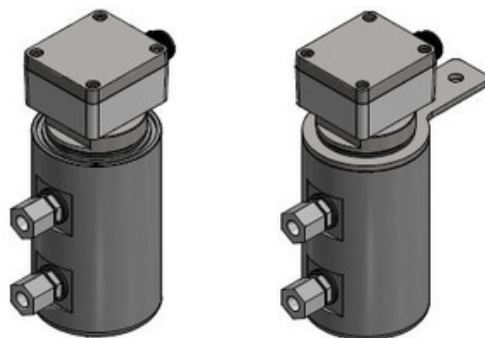


GENERAL CHARACTERISTICS



Caged float liquid level switch designed for side mounting to a tank, with N.1 or 2 electrical SPDT contact. Reliable, compact and easy to install by the standard compression-fittings. The standard cage is in anodized aluminum, but stainless steel version is available too. Rugged construction with low maintenance need.

- **Stainless steel – AISI 316 float and stem**
- **Anodized aluminum cage – External side mounting**
- Easy mounting by the compression-fitting standard connection
- Hermetic SPDT reed switches
- S1 = N.1 switch / M2 = N.2 switches
- Operating ambient temperature -30 / +55 °C - 90% R.H.
- Minimum degree of protection IP65.
- Available certified constructions



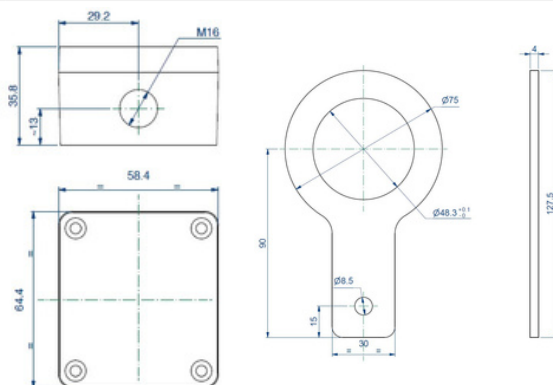
TECHNICAL DATA

Tab.1

	Description				Code
Float	AISI 316	Ø41x35 mm	P.S. 0,66	12 bar	S41
Rod material	AISI 316				S
Cage	Aluminum	Black anodized	Standard		CAL-D
Bypass chamber	AISI 316	-	On request		CAL-S
Process connection	1/4" UNI 228/1 female thread				08G
Side / Side	Center distance - 55 mm				55
	Fittings Ø 10 mm. pipe union				10
Contacts N	S1	M2	SPDT	230V	60VA 1A 7
Electrical housing	Aluminum – epoxy painted PG9 polyamide cable gland				IP 65 protection K1
Max. temperature °C	105°C				L
Sealing gasket	OR-NBR gasket anti-oil				Standard 4
	OR-VITON gasket				On request 5

HOUSING - mm.

Tab.2

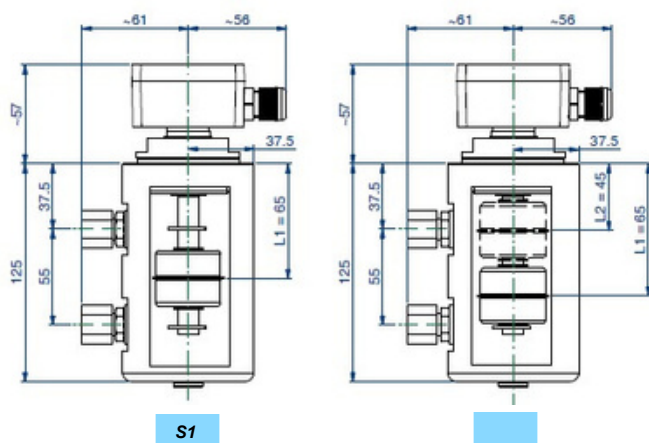


OPTION: Mounting bracket

B

DIMENSIONS - mm.

Tab.3

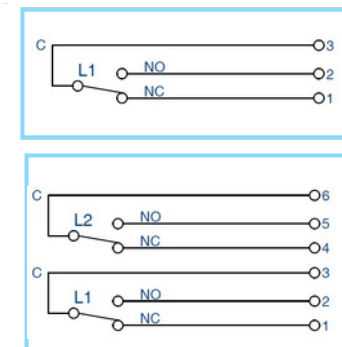
**S1**

WIRING

Tab.4

I = Independent**3 = SPDT**

Contacts status in no level condition



L1 and L2 switch level point, see drawings Tab.3

NOMENCLATURE

S1	S41	7	CAL-D	S	55/10	K1	B	L	4	I3
•										
	•									
		•								
			•							
				•						
					•					
						•				
							•			
								•		
									•	
										•

Tab.1-3-4 S1 one switch level point (L1) / M2 two switch level point (L1..L2)

Tab.1 Float

Tab.1 Electrical contact

Tab.1 Cage, bypass chamber series - Cage material

Tab.1 Rod material

Tab.1 Side-side centre distance process connections / Pipe size

Tab.1 Electrical output

Tab.2 Mounting bracket – on request

Tab.1 Temperature class

Tab.1 Sealing gasket

Tab.4 Wiring