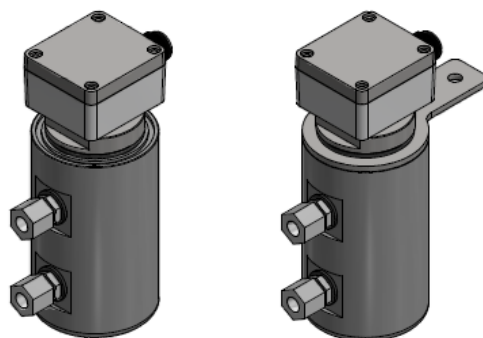




GENERAL CHARACTERISTICS

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
- U = N.1 switch / UU = N.2 switches
- Operating ambient temperature -30 / +55 °C - 90% R.H.
- Minimum degree of protection IP65.
- Available certified constructions



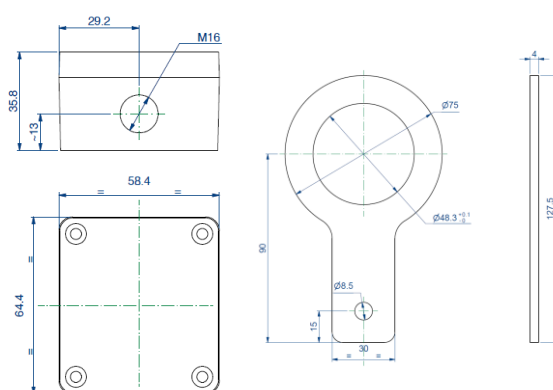
TECHNICAL DATA

Tab.1

	Description					Code		
Float	AISI 316	Ø 41x35 mm	P.S. 0,66	12 bar	SV41			
Rod material	AISI 316				V			
Cage Bypass chamber	Aluminum	Black anodized	Standard		AL/64/3.5			
	AISI 316	-	On request		SS/63/2			
Process connection Side / Side	1/4" UNI 228/1 female thread		Basic		1/4			
	Center distance - 55 mm		Standard		55			
	Fittings Ø 10 mm. pipe union		Standard		ST/ERVE			
Contacts N	U	UU	SPDT	230V	60W	60VA	1A	U
Electrical housing	Aluminum – epoxy painted PG9 polyamide cable gland			IP 65 protection		ALE		
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

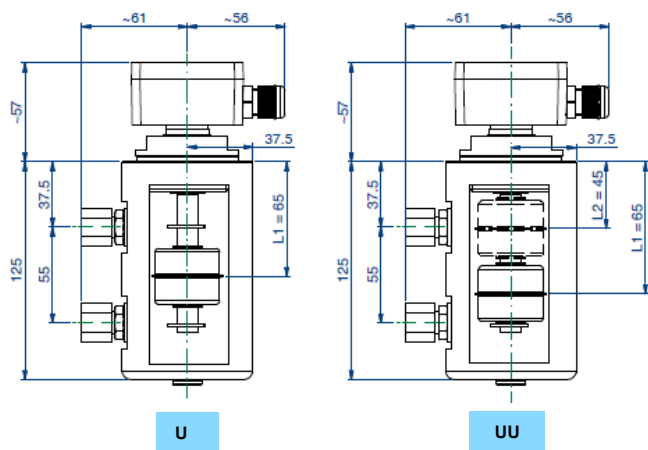


OPTION: Mounting bracket

B

DIMENSIONS - mm.

Tab.3



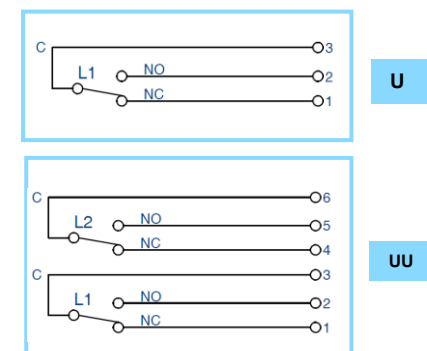
WIRING

Tab.4

I = Independent

3 = SPDT

Contacts status in no level condition



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

NOMENCLATURE

ALE	ST/ERVE	1/4	V	U	M55	10	AL/64/3	SV41	HH
•									
	•								
		•							
			•						
				•					
					•				
						•			
							•		
								•	
									•

Tab.2	Electrical connection
Tab.1	Process connection side-side
Tab.1	Size process connections
Tab.1	Material stem and top process connection
Tab.4	Switch contact
Tab.3	Side-side centre distance process connections / Pipe size
Tab.1	Stem size
Tab.3	Boby material and dimension
Tab.1	Float
Tab.3	configuration