



RSL100
Diapason level switch

Contact level control for liquids

Material: PVDF / SS316

Connections: G 1"; G 3/4"; G 1/2" DIN 2999
IP66

Output: NPN/PNP, relay SPST NO

Suitable for control of liquids such as oils, water, paints and transparent inks, sauces, milk, liquids containing carbon dioxide, oil foaming. RSL100 is designed as a shortcut to 2 / 3 wires and for universal use in tanks and pipes.

Technical Feature

Applications

Oils, Water, Paints and clear inks, Sauces, Milk, Liquids containing carbon dioxide, Foaming oils.

Housing materials

PVDF / SS316

Process connection material

AISI316

Process connections

G 1"; G 3/4"; G 1/2" DIN 2999

IP rating

IP66

Pressure

operative: 40 bar -20°C ÷ +70°C

Max temperature

Fluid: 100°C (150°C version B)

Power supply

10 ÷ 30 Vdc

Load capacity

0.5 A max (5A for 40 ms)

Minimum switching current

7.5 mA

OFF status

leakage current: <2 mA constant

Voltage drop

4.5V at 500 mA; 10V at 7.5 mA

Delay

1 sec

Viscosity

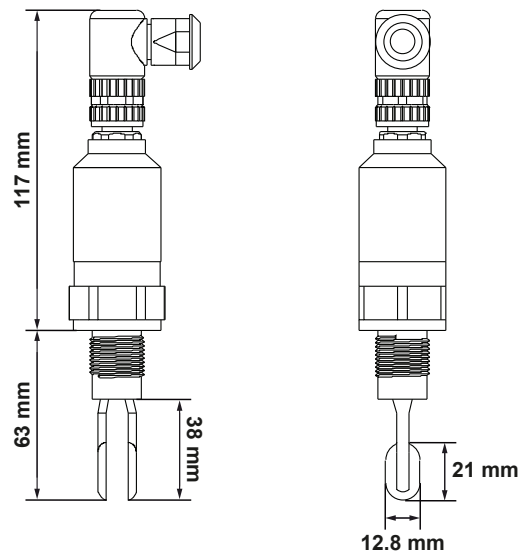
5000 cst max at 25°C

Hysteresis

4 mm vertical, 1 mm horizontal

Repeatability

± 1 mm



RSL100

Diapason level switch for liquids

Fork material: SS316 - Max. pressure: 40bar

Power supply: 10+30Vdc

Electrical connection: M12 x 1 with connector and 5m cable

IP66 mechanical protection

Version	
A	Max temperature 100°C
B	Max temperature 150°C
Z	Special
Process connection	
1	G ½" DIN 2999
2	G ¾" DIN 2999
3	G 1" DIN 2999
9	Special
Output	
A	PNP / NPN
C	Relay MAX level
D	Relay MIN level
Z	Special
Extension	
1	Standard L= 63 mm
2	SS316 rigid rod (max 3 m) - price each 100 mm
3	SS316 rigid rod L= 280 mm
4	SS316 rigid rod L= 350 mm
9	Special
Accessories	
A	None
C	Material certificate 3.1
D	G½" F / G1"M SS316 adapter
Z	Special