RSL100

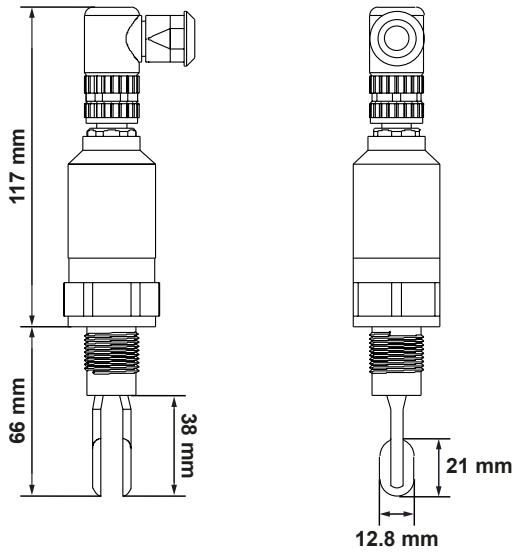
Diapason level switch

Liquid level control by contact
IP66 protection
Threaded or flanged side mounting

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= 66 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