



RSL200 Diapason level switch

For granules and powder measurement

G1 1/2 Threaded connections

SPDT output relays

IP66/67

Universal AC/DC power supply

ATEX

RSL200 controls the level thresholds of powders or granular products using the vibrating fork method. Typical applications include the protection of overflow or product failure monitoring for flour, cereals, milk, dust, sand, cement, plastic or organic granules, polystyrene foam, etc.

Technical Feature

Power supply

85÷250Vac / 24Vdc/Vac - 115Vac

Power consumption

max. 0,5W (Vdc); max. 5 VA (Vac)

Housing material

polycarbonate or aluminum (ATEX version)

Min. product density

20g/dm³

Max. product grain size

12mm

IP rating

IP66

Cable entry

Pg13,5 or 2 x M20x1,5 (ATEX)

Terminals

max.1,5mm² wire cross-section

Process connection

1 1/2 GAS SS316

Diapason, material

SS316

Housing temperature range

-20 ÷ +60 °C (ATEX)

Product temperature range

-40 ÷ +150 °C; -20 ÷ +140 °C (ATEX)

Storage temperature range

-40 ÷ +70 °C

Pressure

max. 25bar

Led display

output status detection mode

Switch mode

min. or max.

Delay time

1 o 4s

Setting selection

push buttons

Output relay

250Vac 5A max

Display

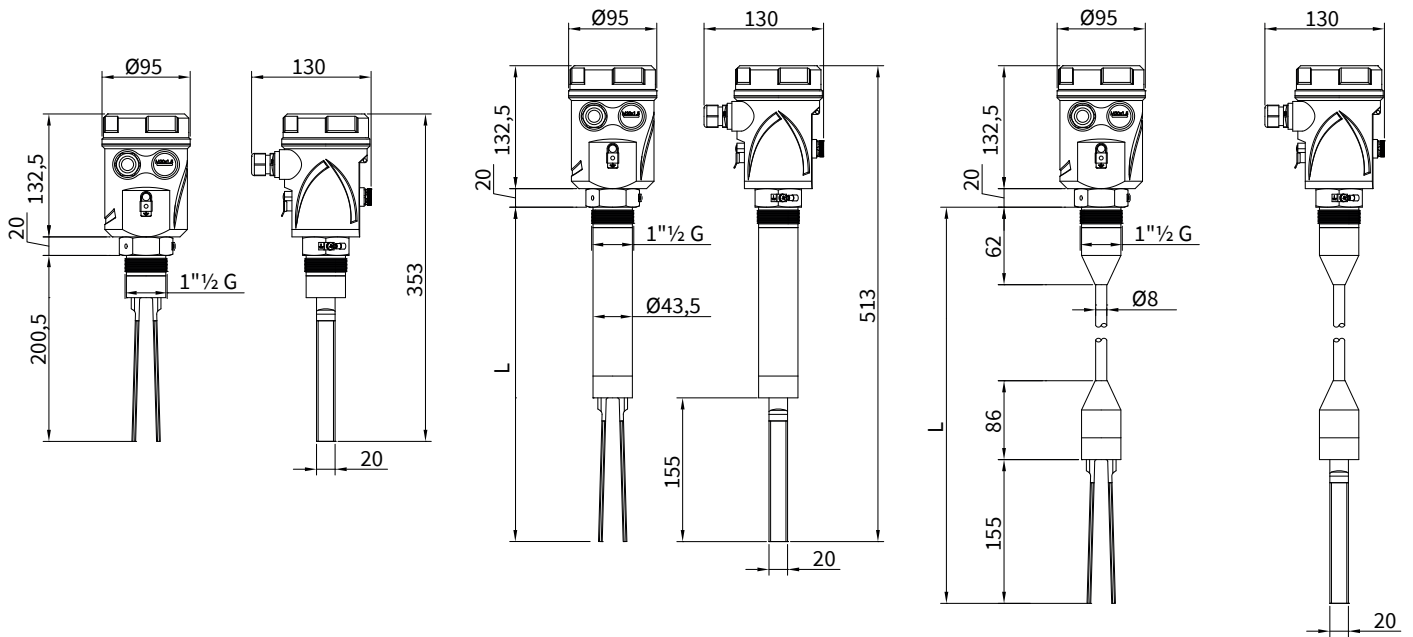
Plug-in display/keyboard 4 buttons

matrix LCD

Certification

ATEX II 1/2D Ex ta/tb IIIC T 150°C Da/Db

Tamb -20° ÷ +60° IP66



RSL200

Diapason level switch for granulates and powders

- Process connection, G 1" 1/2 / SS316
- Fork materiale: SS316
- SPDT relay output
- Product temperature range from -40 to 150°C
- IP66/IP67 mechanical protection
- 0,8W or 15VA max power consumption
- Relay output rating 250Vac, 2A
- Setting by keyboard/display removable module VL601SGM (opt.)

Version	
A	Compact - Insertion length 200,5 mm (fork 155mm)
B	Rigid extension, price each 100mm (max. 3000mm) L=..mm (insertion length included)
G	SS304 semi-flexible extension pipe. Supplied with 1m standard length Quotation for each additional meter
Z	Special
Certification	
0	None
2	ATEX II 1/2D Ex ta/tb IIIC T 150°C Da/Db Tamb -20° + +60°C IP66
Housing	
F	PC with transparent cover and osmotic filter IP67
G	Aluminum varnished with osmotic filter IP67 (compulsory for ATEX version)
L	PC with blind cover and osmotic filter IP67
Power supply	
1	85+250Vac
2	24Vdc/Vac - 115Vac
Accessories	
A	None
D	Removable display/programming module (VL601SGM) - necessary for the calibration
H	DN40 PN6 AVP flange (600A016F)