

# Order code for the ultrasonic level switch

## RIZUR-900

Ordering information: **RIZUR-902-0-0-3-250-16-M-300/3200-I-4-0-930-KBU-0-0**  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Please, attach an inquiry form to the order code.

1. Design variant	
RIZUR-901	One control point
RIZUR-902	Two control points
RIZUR-903	Three control points
RIZUR-904	Four control points
RIZUR-905	Five control points
RIZUR-906	Six control points
RIZUR-907	Seven control points
RIZUR-908	Eight control points
2. Housing material	
0	Aluminum (standard)
1	Stainless steel 12H18N10T
3. Sensor type and material	
0	Rod sensor, stainless steel 12H18N10T
1	Flexible sensor, composite materials
2	Rod sensor, PTFE (for aggressive liquids)
3	Rod sensor, stainless steel 10H17N13M2T
X	Other materials are upon special request (should be specified in writing outside the order code)
4. Process connection	
0	Thread M20x1,5, male
1	Thread G3/4", male
2	Thread G1", male
3	Thread G3/4", sleeve nut
4	Thread M30x2", sleeve nut
5	Other types of process connection - thread, flange, welded, etc. (should be specified in writing outside the order code)
5. Process temperature	
150	-60... +150 °C («spacer» height A=100 mm)
250	-60... +250 °C («spacer» height A=200 mm)
350	-196... +350 °C («spacer» height A=250 mm)
500	-196... +500 °C («spacer» height A=300 mm)
X	Other temperature conditions (should be specified in writing outside the order code)
6. Process pressure	
6	up to 6 MPa
10	up to 10 MPa
16	up to 16 MPa
25	up to 25 MPa
35	up to 35 MPa
45	up to 45 MPa

7. Cable gland (the required cable gland is specified in the inquiry form)	
M	One entry for the cable gland M20x1,5; without cable glands*
MM	Two entries for cable glands M20x1,5; without cable glands*
* Cable gland is specified in writing outside the order code.	
8. Sensor length, L from 80 up to 6000 mm	
xx	Specify the required sensor length in mm (in multipoint version - specify switching points L1/L2/L3/.../L8)
9. Type of explosion protection	
N	Without explosion protection
D	1Ex d IIC T6 Gb X - ex-housing
I	0Ex ia IIC T6 Ga X - intrinsically safe circuit
10. Output signal	
0	Relay DPDT/SPDT*
1	4...20 mA two-wire circuit
3	RS485 Modbus RTU
4	NAMUR
5	8/16 mA two-wire circuit
6	7/14 mA two-wire circuit
X	Other output signals are upon special request (should be specified in writing outside of the order code)
* Relay operation mode is selected with the help a magnet.	
11. Functional check	
0	Not installed
1	Relay indication (available for RIZUR-901 only)
12. Medium density	
XX*	Specify medium density, kg/m <sup>3</sup>
*it is allowed to specify a density range (e.g., 800...1000 kg/m <sup>3</sup> )	
13. Bypass chamber	
0	Without a bypass chamber
KBU	With a bypass chamber*
* Please, attach an order code or an inquiry form for the bypass chamber (see pages 37, 38)	
14. IS barrier	
0	Without IS barrier
IS	With IS barrier*
* Please, attach an order code or an inquiry form for the IS barrier	
15. Soft enclosure	
0	Without soft enclosure
SE	With soft enclosure*
* Please, attach an inquiry form for soft enclosure RIZUR	