

Order code for the capacitive level switch

RIZUR-100

Ordering information:

RIZUR-104-1-S0-M7-100-16-500/1500/1500/2000-D-1-M-1066-KBU-IS-SE

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1. Design variant	
RIZUR – 101	One control point
RIZUR – 102	Two control points
RIZUR – 103	Three control points
RIZUR – 104	Four control points
RIZUR – 105	Five control points
RIZUR – 106	Six control points
RIZUR – 107	Seven control points
RIZUR – 108	Eight control points
RIZUR – 10X	Customized (specified in written form outside the order code)
2. Housing material	
0	Aluminum (standard)
1	Stainless steel 12X18H10T/AISI
3. Material and type of the probe	
S0	Rod 12X18H10T/AISI321, non-insulated, 4 mm, length from 100 to 3000 mm
S1	Rod 12X18H10T/AISI321, insulated with PTFE, 6 mm, length from 100 to 2500 mm
T0	Wire rope 12X18H10T/AISI321, non-insulated, 4 mm, counterweight - 20 mm, length from 2500 to 20000 mm
T1	Wire rope 12X18H10T/AISI321, insulated with PTFE, 6 mm, counterweight - 20 mm, length from 1500 to 3000 mm
K0	Coaxial 12X18H10T/AISI321, non-insulated, 4 mm, length from 100 to 3000 mm
K1	Coaxial 12X18H10T/AISI321, insulated with PTFE, 6 mm, length from 100 to 3000 mm*
X	Customized (specified in written form outside the order code)
* Is used for electrically conductive media. Coaxial probe has only the measuring part coated with PTFE. Still pipe is manufactured from 12X18H10T/ AISI321 and does not have any additional coating.	
4. Process connection	
M0	Thread - nozzle M20*1,5
M7	Thread - nozzle M27*1,5
D3	Thread - nozzle G ¾" (standard)
D1	Thread - nozzle G1"
N3	Thread - sleeve nut G ¾"
N0	Thread - sleeve nut M30x2
X	Customized process connection: thread, flange, welded, etc. (specified in written form outside the order code)
5. Process temperature	
100	-40 ... +100 °C (standard)
150	-60 ... +150 °C
200	-100 ... +200 °C
250	-196 ... +250 °C
X	Customized process temperature (specified in written form outside the order code)
6. Process pressure	
10	Up to 1,0 MPa
16	Up to 1,6 MPa
25	Up to 2,5 MPa
63	Up to 6,3 MPa
100	Up to 10,0 MPa
X	Customized (specified in written form outside the order code)
7. Probe length	
xx	Specify the distance from the insulator to the control point (if there're multiple control points, then specify all of them L1/L2/L3/.../L8)*
* Please, take into account that the minimal distance from the lowest control point to the end of the probe is 50 mm (see p.10).	
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 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)
* Only for design variants RIZUR-101 – RIZUR-104	
** Only for the design variant RIZUR-101	
10. Cable gland	
0	Without cable glands (plug M20x1,5)
M	One cable gland M20x1,5 for the non-armoured cable
MM	Two cable glands M20x1,5 for the non-armoured cable
B	One cable gland M20x1,5 for the armoured cable
BB	Two cable glands M20x1,5 for the armoured cable
X	Customized (the number and type of the cable glands is specified in written form outside the order code)
11. Media density	
XX	Specify media density, kg/m3
12. 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)	
13. IS barrier	
0	Without IS barrier
IS	With IS barrier*
* Please, attach an order code or an inquiry form for the IS barrier	
14. Soft enclosure	
0	Without soft enclosure
SE	With soft enclosure*
* Please, attach an inquiry form for soft enclosure RIZUR	