

JUMO NESOS R02 LS – Float Switch Standard Version (408302)

- Point level measurement via floats and reed contact
- For liquid media unaffected by foam formation, conductivity (permittivity), or pressure ratios
- Temperature range from -52 to +240 °C
- Available in numerous versions
- Approvals and certificates are available for explosion protection, shipbuilding, railway applications, and the Water Resources Act (WHG) as well as a certification for the Pressure Equipment Directive (PED)



Order details

(1) Basic type		
408302	JUMO NESOS R02 LS - float level switch	
(2) Basic type extension		
000	None	
062	Shipbuilding approval	
262	WHG approval	
263	WHG approval, explosion protection, intrinsically safe, Ex i	
264	WHG approval, explosion protection, flameproof enclosure, Ex d	
362	Explosion protection, intrinsically safe, Ex i	
462	Explosion protection, flameproof enclosure, Ex d	
662	Shipbuilding approval and explosion protection, intrinsically safe, Ex i	
962	Shipbuilding approval and explosion protection, flameproof enclosure, Ex d	
999	Special version	
(3) Electrical connection		
036	Round plug M12 × 1	
061	Connector for cable connection DIN EN 175301-803, form A	
111	Terminal head BUZ-H	
115	Terminal head Ex d	
117	Terminal head stainless steel	
118	Terminal head Ex d, stainless steel	
130	Connector housing, cuboid, small	
131	Connector housing, cuboid, big	
150	Cable, PVC	Price per 1000 mm Cable length
151	Cable, PVC with AMP superseal connector	
152	Cable, PVC with M12 connector	
160	Cable, silicone	Price per 1000 mm Cable length
161	Cable, silicone with AMP superseal connector	
162	Cable, silicone with M12 connector	
170	Cable, PUR	Price per 1000 mm Cable length
171	Cable, PUR with AMP superseal connector	
172	Cable, PUR with M12 connector	
180	Cable, RADOX	Price per 1000 mm Cable length
999	Special version	
(4) Cable length		
0	None	
2000	2,000 mm	
5000	5,000 mm	
100 - 5000	specification in plain text (steps of 100 mm)	
(5) Process connection		
000	Without process connection	
102	G 1/4 thread upward running	
104	G 1/2 thread upward running	
412	Pg9	
516	2 NPT	
534	M14 x 1.5 thread upward running DIN 3852-1	
538	G 3/8 thread upward running	
569	G 2	

570	G 1 1/2
607	Taper socket with union nut DN 50 DIN 11851 (dairy compression fitting)
608	Taper socket with union nut DN 65 DIN 11851 (dairy compression fitting)
703	Flange 2,5" 150 lbs ANSI B 16,5 RF
713	Flange 2" 150 lbs ANSI B 16,5 RF
714	Flange 2" 300 lbs ANSI B 16,5 RF
729	Flange DN 50 DIN EN 1092-1 Form B1
784	Flange DN65 PN40 DIN EN 1092-1 Form B1
785	Flange DN80 PN40 DIN EN 1092-1 Form B1
786	Flange DN100 PN40 DIN EN 1092-1 Form B1
999	According to customer specifications
(6) Guide tube length L	
100 - 4000	specification in plain text (steps of 50 mm)
(7) Float	
044	Cylindrical float, stainless steel, Ø44, density 750 kg/m ³
045	Cylindrical float, stainless steel, Ø44, density 750 kg/m ³ , electropolished
052	Spherical float, stainless steel, Ø52, density 680 kg/m ³
053	Spherical float, stainless steel, Ø52, density 680 kg/m ³ , electropolished
752	Spherical float, titanium, Ø52, density 650 kg/m ³
(8) Number of floats	
1	1 piece
2	2 pieces
3	3 pieces
4	4 pieces
5	5 pieces
(9) Switching function	
03	SPDT-CO, changeover contact (10 VA/AC 175 V/0,5 A)
10	SPST-NO, NO contact (100 VA/AC 230 V/1 A)
11	SPST-NC, NC contact (100 VA/AC 230 V/1 A)
12	SPDT-CO, changeover contact (60 VA/AC 230 V/1 A)
99	Customer-specific
(10) Number of contacts	
1	1 contact
2	2 contacts
3	3 contacts
4	4 contacts
5	5 contacts
(11) Position contact 1	
20 - 3970	Specification in plain text
(12) Position contact 2	
0	No contact
20 - 3970	Specification in plain text
(13) Position contact 3	
0	No contact
40 - 3970	Specification in plain text
(14) Position contact 4	
0	No contact
40 - 3970	Specification in plain text
(15) Position contact 5	
0	No contact
40 - 3970	Specification in plain text
(16) Extra codes	
000	Without extra code
005	Integrated temperature sensor Pt1000
007	Integrated temperature sensor Pt100
009	Temperature switch, normally closed contact
019	Temperature monitoring reed contact, Pt1000
084	CCC-Ex (China)
085	UKEX

091	with integrated test function
240	With EAC-Ex approval
307	With extension tube
634	With TAG-number
663	NAMUR - circuitry
950	Railway application
954	Technical passport
140	Temperature transmitter analog, output 4 to 20 mA

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16)
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Accessories

Description	Part no.
Ex-i isolated switch amplifier 707540/38	00734357