

JUMO NESOS R01 LS – Float Switch in Miniature Form (408301)

- 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		
408301	JUMO NESOS R01 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	
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	
101	G 1/8 thread upward running	
102	G 1/4 thread upward running	
104	G 1/2 thread upward running	
105	G 3/4	
538	G 3/8 thread upward running	
569	G 2	
570	G 1 1/2	
572	G 1	

729	Flange DN 50 DIN EN 1092-1 Form B1
999	According to customer specifications
(6) Guide tube length L, Ø8 mm	
50 - 500	Specification in plain text (steps of 50 mm)
(7) Float	
022	Cylindrical float, stainless steel, Ø22, density 860 kg/m³
027	Cylindrical float, stainless steel, Ø27, density 800 kg/m³
028	Cylindrical float, stainless steel, Ø27, density 800 kg/m³, electropolished
029	Spherical float, stainless steel, Ø29, density 900 kg/m³
030	Spherical float, stainless steel, Ø29, density 900 kg/m³, electropolished
729	Spherical float, titanium, Ø29, density 700 kg/m³
(8) Number of floats	
1	1 piece
2	2 pieces
3	3 pieces
4	4 pieces
(9) Switching function	
01	SPST-NO, NO contact (10 VA/AC 175 V/0,5 A)
02	SPST-NC, NC contact (10 VA/AC 175 V/0,5 A)
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)
99	Customer-specific
(10) Number of contacts	
1	1 contact
2	2 contacts
3	3 contacts
4	4 contacts
(11) Position contact 1	
20 - 470	Specification in plain text
(12) Position contact 2	
0	No contact
20 - 470	Specification in plain text
(13) Position contact 3	
0	No contact
40 - 470	Specification in plain text
(14) Position contact 4	
0	No contact
40 - 470	Specification in plain text
(15) Extra codes	
000	Without extra code
005	Integrated temperature sensor Pt1000
007	Integrated temperature sensor Pt100
019	Temperature monitoring reed contact, Pt1000
084	CCC-Ex (China)
085	UKEX
240	With EAC-Ex approval
307	With extension tube
634	With TAG-number
663	NAMUR - circuitry
950	Railway application
954	Technical passport

Order code

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

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