

JUMO NESOS R20 LT – Level Transmitter via Float (408320)

- Level measurement via float and reed chain
- For liquid media unaffected by foam formation, conductivity (permittivity), or pressure ratios
- Temperature range from -52 to +180 °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		
408320	JUMO NESOS R20 LT - level transmitter	
(2) Basic type extension		
000	None	
062	Shipbuilding approval	
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	
110	Terminal head BUZ	
111	Terminal head BUZ-H	
115	Terminal head Ex d	
116	Terminal head type BEGF with M12 connector	
131	Connector housing, cuboid, big	
150	Cable, PVC	Price per 1000 mm Cable length
152	Cable, PVC with M12 connector	
160	Cable, silicone	Price per 1000 mm Cable length
162	Cable, silicone with M12 connector	
170	Cable, PUR	Price per 1000 mm Cable length
172	Cable, PUR with M12 connector	
180	Cable, RADOX	Price per 1000 mm Cable length
397	Terminal head form BEGF	
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	
516	2 NPT	
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 diameter	
12	12 mm
14	14 mm
(7) Guide tube length L	
262 - 4200	Specification in plain text
(8) Float	
044	Cylindrical float, stainless steel, Ø44, density 750 kg/m³
045	Cylindrical float, stainless steel, Ø44, density 750 kg/m³, electropolished
052	Spherical float, stainless steel, Ø52, density 680 kg/m³
053	Spherical float, stainless steel, Ø52, density 680 kg/m³, electropolished
752	Spherical float, titanium, Ø52, density 650 kg/m³
(9) Number of floats	
1	1 piece
2	2 pieces
3	3 pieces
4	4 pieces
(10) Output	
405	4 to 20 mA 2-wire
501	Resistance value (ohm)
(11) Accuracy	
5,5	5,5 mm
8,8	8,8 mm
11,0	11 mm
17,6	17,6 mm
(12) Range start	
209 - 4156	209 - 4156 mm
(13) Range end	
52 - 3800	52 - 3800 mm
(14) Display	
0	Without display (LCD)
1	With display (LCD)
2	With display and 2 freely programmable contacts
(15) Extra codes	
000	Without extra code
005	Integrated temperature sensor Pt1000
007	Integrated temperature sensor Pt100
009	Temperature switch, normally closed contact
085	UKEX
240	With EAC-Ex approval
307	With extension tube
462	Inverted output signal
634	With TAG-number
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)

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Accessories

Description	Part no.
Ex-i repeater power supply and input iso amplifier 707530/38	00577948
Line socket 4-pole, M12×1, straight, 2 m	00404585
Line socket 4-pole, M12 × 1, angled, 2 m	00409334
Mounting element for mounting rail	00352463
2-wire level transmitter JUMO NESOS-seri	00731477
2 Draht Füllst.-Messumf. NESOS-Serie SIL	00769142