



# Rectangular Sight Glass

## Level Indicator

With flanged connection and stop valves

# Type 425

### Application:

For Liquid Level display, visual checkup and observation on vessels, boilers and silos at pressures up to 35 bar and high temperatures.

The connections flanges with DN20 stop valves are mounted on the back side of the sight glass. Other diameters available on request.

**Operating pressure:  
Up to 35 bar**

### Operating conditions:

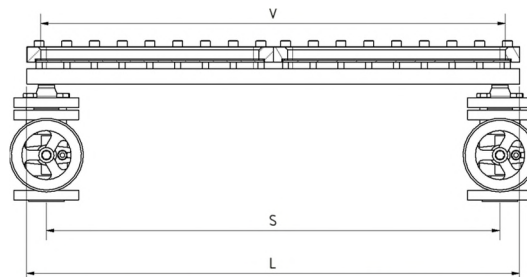
Temperature:	243	°C
Pressure:	16	Bar
	35	Bar

### Materials:

Flange:	1.4571
Glass:	Borosilicate glass DIN 7081 (Reflex or Transparent)
Seal:	PTFE (200°C) FKM (200°C) NBR (100°C) C4400 (150°C) Silicone (200°C) EPDM (140°C) Graphite (280°C)

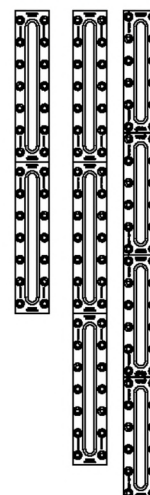


Other materials on request



L	V	S	Blocked view	Kg (16 bar)	Kg (35 bar)
140	79	61	0	13,8	14,4
170	124	106	0	14,2	15,0
220	174	156	0	15,0	16,0
250	204	186	0	15,6	16,7
300	264	246	0	16,3	17,7
310	264	246	0	16,6	18,0
350	304	286	0	17,3	18,8
370	324	306	0	17,6	19,2
400	354	336	0	18,1	19,9
500	454	436	1x46	20,1	22,4
600	574	556	1x46	21,7	24,4
620	574	556	1x46	22,1	24,9
700	654	636	1x46	23,5	26,7
740	694	676	1x46	24,2	27,5
800	754	736	1x46	25,2	28,8
930	884	866	2x46	27,7	31,9
1000	954	936	3x46	29,2	33,8

500-800 930 1000



Technical changes and errors reserved!

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Product Code:

		Inst. length	PN	Flange	Glass	Seal	Variants
11	425	Acc. To table	1: 16 2: 35	1: S235JRG 2: 1.4571 3: Base flange VA, Cover flange St. 4: Base flange St., Cover flange VA 5: Duplex	1: BS Transparent 3: BS Reflex	1: PTFE 2: FKM 3: NBR 4: C4400 5: Silicone 6: EPDM 7: Graphite 8: Special	Assigned by ACI as required

### ACI Type 425

220 mm

PN16

Example:

Flansch 1.4571

11-425-1-220-2-1-1-00

Borosilicate glass transparent

Seal PTFE

Standard construction

## Recommendation:

For corrosive media or steam, we recommend adding a mica disk to protect the glass!

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