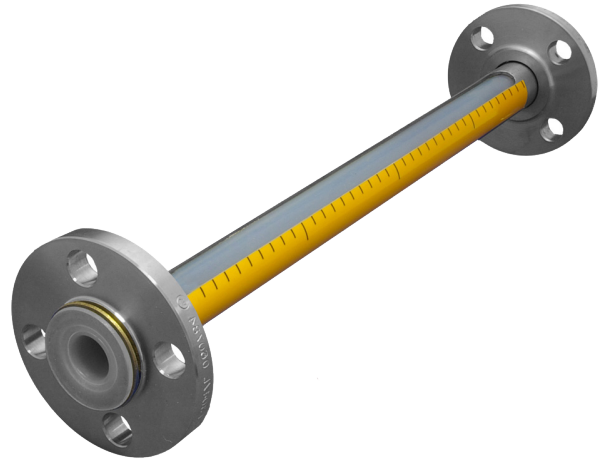


Description

The LGSG provides a high pressure stainless steel sight glass fully lined in PFA to act as a clear level gauge for corrosive or sticky applications. This non glass construction gives a rugged shatterproof sight glass for use with highly corrosive media.

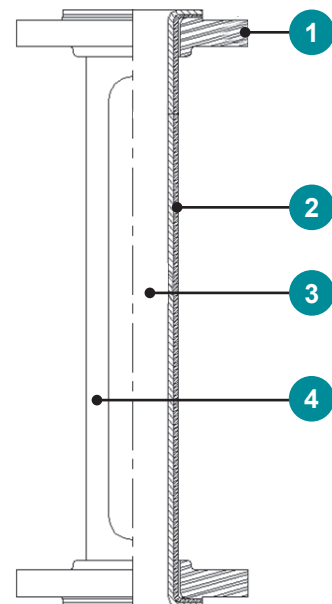
Product features

- Shatterproof tube for maximum safety
- Fully PFA lined to all wetted surfaces for maximum corrosion resistance
- No glass involved
- Length to suit customer requirement
- Rotating flanges to aid positioning
- Graduated scale available if required

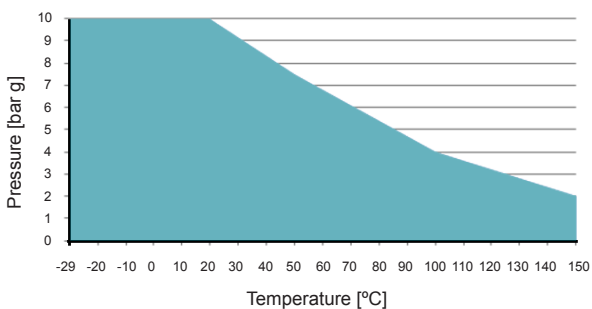


Material specification

Item	Qty	Description	Materials	Specification	DIN equivalent material
1	2	Flange	Stainless steel	ASTM A182 F304	1.4301
2	1	Support tube	Stainless steel	ASTM A312 TP304	1.4301
3	1	Sight tube	PFA	ASTM D3307	PFA
4	1	Graduation scale	Reflective polyester	—	—



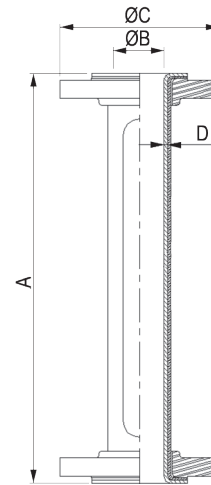
Pressure- / temperature diagram



Dimensions

Nominal size		Face to face [mm]		Bore [mm]	Flange diameter [mm]	Liner thickness [mm]	Weight 1000mm lg.
ANSI 150 Piping systems							
Inches	mm	A (min.)	A* (max.)	ØB	ØC	D	Kg
1	25	250	6000	51	110	3	5.8
1½	40	250	6000	73	125	3	9.0
2	50	250	6000	92	150	3	12.5
DIN PN 10/16 Piping systems							
Inches	mm	A (min.)	A* (max.)	ØB	ØC	D	Kg
1	25	250	6000	68	115	3	5.8
1½	40	250	6000	88	150	3	9.0
2	50	250	6000	102	165	3	12.5

* A max: up to 6000mm on request



Options

Component	Description
Indicator	Hollow PTFE floating ball
	Lamps
Perforation support tube	Various slots configurations
Scale	Graduation of marking to customer requirements

Type code

LGSG	050	.	2	3	.	0500	.	H
1	2	3	4	5	6			

1	Type	LGSG	Level Gauge Sight Glass
2	Nominal diameter	025 - 050	mm
3	Working pressure	2	10 bar
4	Rating	3	PN 10/16
		A	ANSI Class 150
5	Length	250 - 6000	up to 6000 mm on request
6	Indicator (option)	H	Hollow PTFE floating ball