

VRLG

Reflex Level Gauges

The Reflex Level Gauge is a robust and highly reliable instrument used for direct visual indication of liquid levels in steam boilers, tanks, and industrial vessels. It operates using a reflex glass mounted within a precision-engineered body, which utilizes the difference in light reflection between liquid and gas phases to provide a clear and unambiguous reading.

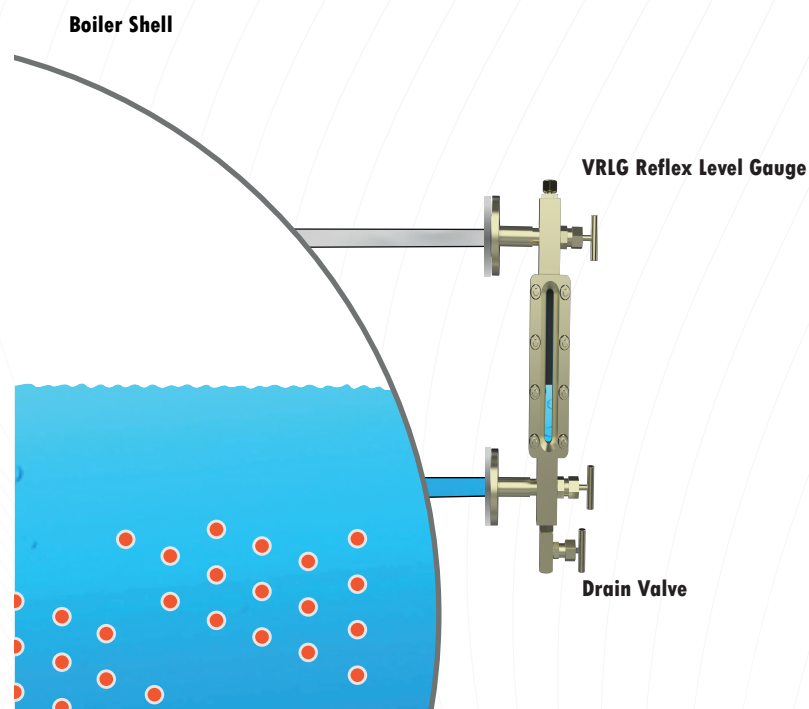
Reflex gauges are ideal for applications where high visibility, durability, and pressure resistance are critical. Their simple yet effective design eliminates the need for external power or complex instrumentation, making them perfect for both continuous monitoring and quick visual checks.

Key Features:

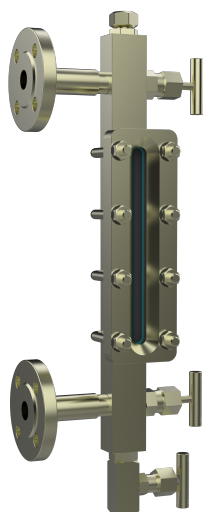
- Clear level indication based on light refraction and reflection through borosilicate reflex glass
- Suitable for saturated steam applications up to 32 bar and liquid service under high temperature and pressure
- Constructed from carbon steel or stainless steel bodies with corrosion-resistant internals
- Standard sizes available with center-to-center connections from 290 mm to 1500 mm
- Optional mica shields for protection in high-pressure steam service
- Conforms to EN 12953, and other relevant pressure equipment standards

Reflex level gauges are essential for ensuring safe operation and maintaining water level compliance in steam boiler systems.

Vira also offers high-quality borosilicate reflex glass, ensuring optimal clarity and long service life under demanding operating conditions.



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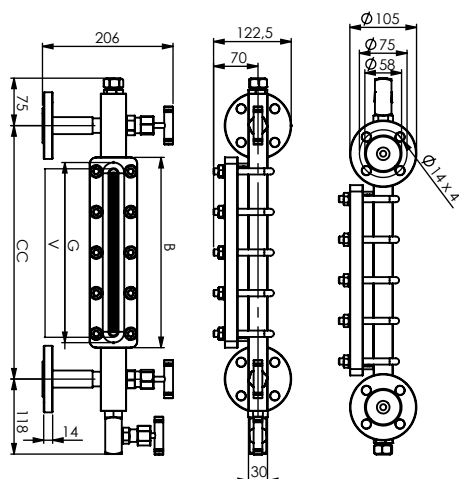
Type	: VRLG
Pressure	: PN 40
Temperature	: 250 °C
Body	: Carbon Steel
Connection Types	: Flanged
Flanges	: Carbon Steel

Technical Data

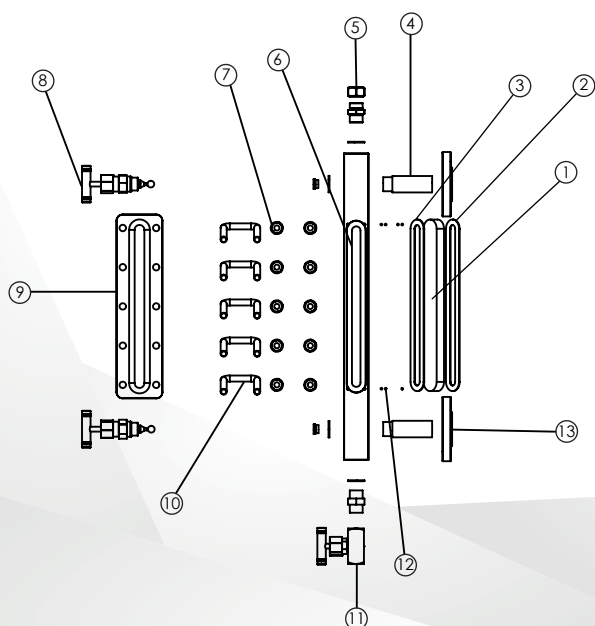
Type	VRLG
Body	Carbon Steel
Cover	Carbon Steel
Glass	Borosilicat
Connection	Flanged
Size	DN 20,DN 25

Dimensions

Model	C-C (mm)	B (mm)	V (mm)	G (mm)	Weight kg
VRLG - 310	310	210	176	194	9,3
VRLG - 340	340	240	206	224	9,8
VRLG - 370	370	270	236	254	10,3
VRLG - 400	400	300	266	284	10,5
VRLG - 440	440	340	306	324	11,5
VRLG - 500	500	360	326	344	12,5



Note: Dimensions other than the standard sizes are available upon request.



No	Part	Material
1	Glass	Borosilicate glass
2	Gasket (upper)	Graphite
3	Gasket (lower)	Klingerit
4	Flange connection pipe	P265GH Carbon Steel
5	Vent plug	P265GH Carbon Steel
6	Body	P265GH Carbon Steel
7	Washer-faced nut	Carbon Steel (zinc plated)
8	Valve	AISI 316 Stainless Steel
9	Cover	P265GH Carbon Steel
10	U bolt	Carbon Steel (zinc plated)
11	Drain Valve	AISI 316 Stainless Steel
12	Retaining pin	Carbon Steel
13	Flange	P265GH Carbon Steel