

GA-LED illuminated sight glass

GA-LED sight glasses combine high-performance LED lighting with excellent visibility, using our DIN28120-type sight glasses or others. New compact OSRAM LEDs are integrated directly into the counter-flange, giving a compact, aseptic assembly with long-lasting illumination that requires little maintenance.

Application:

Internal observation of tanks, silos, reactors, vessels, agitators, etc.

Operating conditions:

Supply voltage: 24VDC (direct current). Maximum ambient temperature at the cable gland: 80°C. The GA-LED sight glass retains the pressure-rating characteristics of the DIN28120 sight glasses.

Protection:

Dust-tight and protected against water splashes, IP65 in accordance with EN 60529.

Specifications:

Flange material: stainless steel 1.4404, 1.4307, steel P265GH, S235, or others

Supplied with 5 meters of cable (longer on request), push button, and optional transformer

Front-mounted, compact LED: 24V, 1W/LED, high-brightness white LEDs

- Color temperature: 4800K
- Beam angle: 45°
- 24V continuous voltage
- White color
- LED operating temperature: -40 to +80°C
- Approximate lifespan: 50,000 hours

Mounting:

After welding the flange onto or into the tank wall, position the gaskets, the glass, then the GA-LED counter-flange, which will be held in place by DIN933 screws. Tighten the screws progressively and in a crosswise pattern.



LED 24VCC 1W



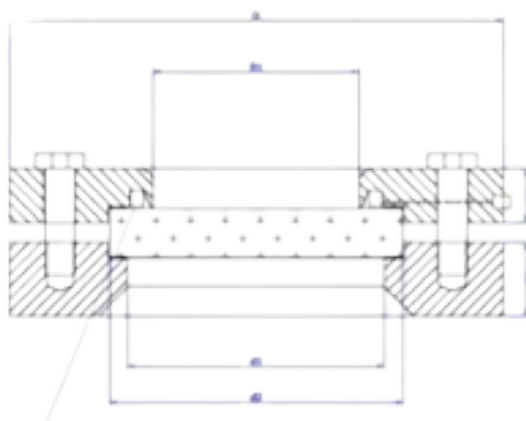
GALED DN100 8XLEDs 1W

Sight glass dimensions in accordance with DIN 28120 / PN 10/16, with GA-LED counter-flange

Please contact us for any other dimensions.
We can also offer you a 230V/12V or 24V/12V transformer to be integrated into your electrical cabinet.



Sealing by double O-ring



LED layout

Type	GL50	GL80	GL100	GL125	GL150	GL250	GL200	GL300
DIN28120 sight glass	DN	50	80	100	125	150	250	200
Upper viewing diameter	D1	60	80	105	125	150	245	195
PN (Bar)		16	10	10	10	10	6	10
Inner viewing diameter	d1	80	100	125	150	175	275	225
Glass	d2	100	125	150	175	200	300	250
	S	15	15/20	20/25	20/25	25/30	30	25/30
Flanges	D	165	200	220	250	285	395	340
	K	125	160	180	210	240	350	295
	h1	20	20	25	25	30	30	30
	h2	30	30	30	30	36	36	36
Assembly screws	Qty	4	8	8	8	8	12	8
No. of LEDs	Qty	4	6	8	8	10	12	10



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