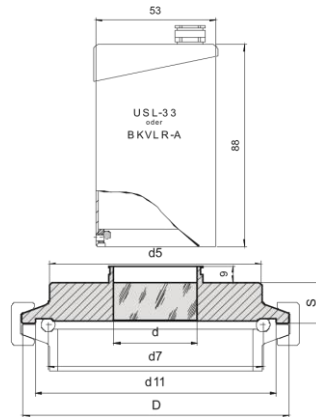


## Type 85.BF.USL33

METAGLAS® Sight Glass for aseptic clamp pipe connection DIN 11864-3

For luminaire type USL-33 or BKVLR-A



### Advantages

- Security against total failure
- Sight glass and sealing profile correspond to EHEDG (European Hygienic Equipment Design Group) and ASME BPE (Bioprocessing Equipment)
- Flush seal against atmospheric side
- Suitable for CIP and SIP cleaning
- Complies with GMP for clean condition, sterilization

### Applications

- Sterile duty fitting to DIN 11864 part 3 form A
- Aseptic groove clamp for installation on aseptic round clamp form A

### Technical data

- Directive for pressure equipment 2014/68/EU, Module H (DIN/EN/ISO 9001)
- Sight glass fused to metal conforming to DIN 7079
- Materials to VdTÜV specifications and the DIN/EN designated standards
- Glass: Borosilicate to DIN 7080 / DIN 7079

### Material certificates

- Certificate of conformity EN 10204-3.1 or 3.2

### Sight glass light USL-33 or BKVLR A (non Ex)

- Supply voltage: 24 V AC or DC
- output: 20W (without built in push button)  
50W (with built in push button)
- housing: stainless steel 1.4301 or similar
- operating time: more than 2.500 hours

Ring materials	Operating temperature
1.4462	-30°C to +280°C
2.4602	-60°C to +300°C
2.4610	-60°C to +300°C

Nominal size DN			max. operating pressure	D	d	d11	d7	d5	S	O-Ring
Series A DIN 11850	Series B ISO 1127	Series C ISO 2037 BS 4825								
25	–	–	16	50,5	24	38,4	30,76	42	12	28 x 3,5
32	–	–	16	50,5	24	47,7	38,56	42	12	34 x 5
–	–	1½"	16	64	30	50,5	41,36	54	12	37 x 5
40	–	–	16	64	30	53,7	44,56	54	12	40 x 5
–	42,4	–	16	64	30	54,1	44,96	54	12	40,5 x 5
–	48,3	–	16	64	30	60,0	50,86	54	12	46,5 x 5
–	–	2"	16	77,5	35	63,5	54,36	62	14	50 x 5
50	–	–	16	77,5	35	65,7	56,56	62	14	52 x 5
–	60,3	–	10	91	35	72,0	62,86	78	14	58,5 x 5
–	–	2½"	10	91	35	75,9	66,76	78	14	62 x 5
65	–	–	10	91	35	81,7	72,56	78	14	68 x 5
–	76,1	–	10	106	35	88,4	78,26	93	14	73,5 x 5
–	–	3"	10	106	35	89,6	79,46	93	16	75 x 5
80	–	–	10	106	35	97,7	87,56	93	16	83 x 5