**METAGLAS**
The Only Safe View

METACLAMP® Sight glass for clamp fitting for use with EdelEx luminaires

EdelEx
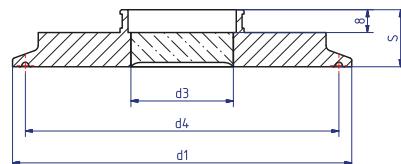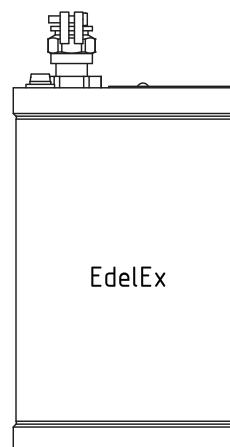
Applications
• Clamp style nozzles

Advantages
• Compact construction
• Aseptic design
• Security against total failure
• Powerful illumination
• Use in ex-hazardous process areas
• Long service life

Operating conditions
• Pressure: -1 to 16 bar
• Temperature: See table

Ring materials	Temperature (TS)
1.4462	-30°C to +280°C
2.4602	-60°C to +300°C
2.4610	-60°C to +300°C

Approvals and technical data
• Pressure Equipment Directive 2014/68/EU, Module H (DIN/EN/ISO 9001)
• AD2000 Standards W0/TRD 100
• Sight glass fused to metal conforming to DIN7079
• Materials to VdTÜV specifications and the DIN/EN designated standards
• Glass: borosilicate to DIN7080 / DIN7079

Material certificates
• Certificate of conformity EN 10204 – 3.1 or 3.2 at a surcharge

Sight glass luminaire Type EdelEx
ATEX stainless steel luminaire
EEx d II C T4, Ex II 2G+D
Electrical supply: AC or DC
Supply voltage: 2, 24, 120 or 230 Volts power LED: 24V/7 W or 230V/7W - 980 Lumen IIC (all explosion groups)
Ignition protection: EEx d DIN EN 50 014 / 50 018

Nominal size			d1	d3	d4	S	Max. operating pressure [bar]
DIN	ISO	ASME BPE					
25/32/40	15/20/25	1", 1½"	50,5	28	43,5	20	16
50	32/40	2"	64	32	57,0	20	16
–	50	2½"	77,5	35	70,5	20	16
65	65	3"	91	36	83,5	20	10
80	80	3½"	106	36	97,0	20	10
100	–	4"	119	36	110,0	20	10