

Illumination Transparent Sight Glass Level Gauges

Even bright illumination
Bulb halogen, high light-performance und long lifetime

Product group **709**

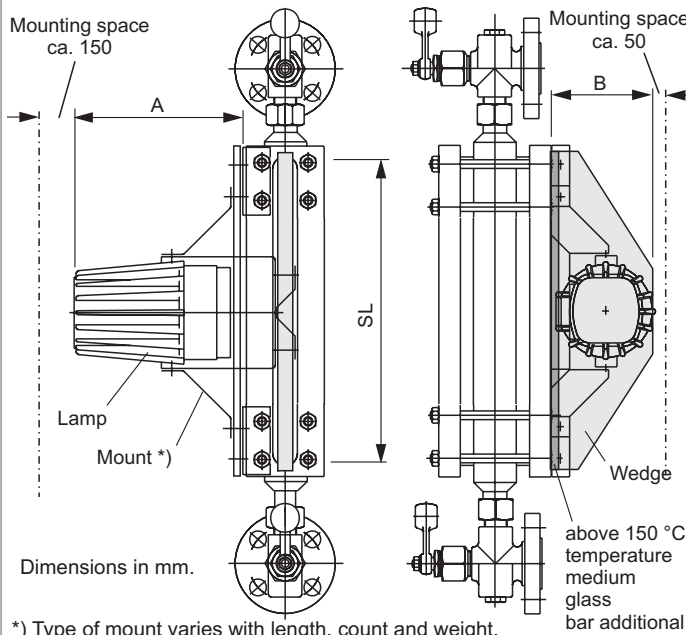
Type **1XXX**

Sheet: 1/1

Revision: 1

Date:

02/04



Dimensions in mm.

*) Type of mount varies with length, count and weight.
Lamp with mount can be mounted on the right hand too.
Shown level gauge only for example.

Wedges in order of segment length and count

Glass type	Sight length of one segment LW	Numbers of segments n					
		1	2	2,5	3	4	5
2	120	X	X	X	X	X	X
3	145	X	X	X	X	X	X
4	170	X	X	X	X	X	X
5	200	X	X	X	X	X	X
6	230	X	X	X	X	X	
7	260	X	X	X	X	X	
8	300	X	X	X	X		
9	320	X	X	X	X		
10	350	X	X	X	X		
11	380	X	X	X	X		
12	410	X	X	X			
13	440	X	X	X			
14	480	X	X	X			
15	510	X	X	X			

LW=sight length of one segment, n=numbers of segments,
45=distance between 2 segments (can vary depending on gauge type)
Wedge length = SL = LW * n + 45 * (n - 1)

Field of Application

The illuminations are designed for illuminating sight windows according to DIN 7081 and mica sight windows (50 W). By variation segment length and number of segments as well as the optical power illumination can be adapted to most applications. Can be operated in hazardous area according to ATEX and UL.

General Data

Material housing lamp
- .1161A, .1162A, 1294A, 11C2A: Aluminium, SS
- .1162E: glass/Acryl

Material wedge:
Dimension A/B:
- .1161A, 1162A: 180/140 mm
- .1162E: 230/160 mm
- .11C2A: 180/140 mm
- .1294A: 230/160 mm

Weight
- .1161A, .1162A: 2,5 kg
- .1162E/.11C2A/.1294A: 5,5/2,5/3,5 kg

Design Data

Ex-data
- .1162A: EEx d(e) IIC T4
- .1162E: EEx d(e) IIC T4
- .11C2A: EEx d(e) IIC T3
- .1294A: Ex d Cl.1 Div.1/2 C/D T4A

Electrical Data

Power supply/Lamp power/bulb/
socket
- .1161A, .1162A: 230 VAC/20 W/Halogen/GY6.35
- .1162E: 230 VAC/20 W/Halogen/G4
- .11C2A: 230 VAC/50 W/Halogen/GY6.35
- .1294A: 120 VAC/35 W/Halogen/E26

Ingress protection: IP 65

Certificates

- .1162A: LCIE 01 ATEX 6010/PTB 99 ATEX 1157
- .1162E: LCIE 01 ATEX 6081
- .11C2A: PTB 99 ATEX 1157
- .1294A: UL 9N77

Subject to alterations

Ordering no.

7 0 9 . 1 X X X - X

Supply	230 VAC	1	6	1	Standard	Material housing	
	120 VAC	2					A Aluminium
Lamp power	20 W	6	9	2	ATEX	Type	
	35 W	9					E SS
	50 W	C					4

Illuminations only available in the types .1161A, .1162A, .1162E, .11C2A and .1294A.

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