

## Illumination Transparent Sight Glass Level Gauges

Even bright illumination  
Fluorescent lamps with high luminous intensity und long lifetime

Product group **709**

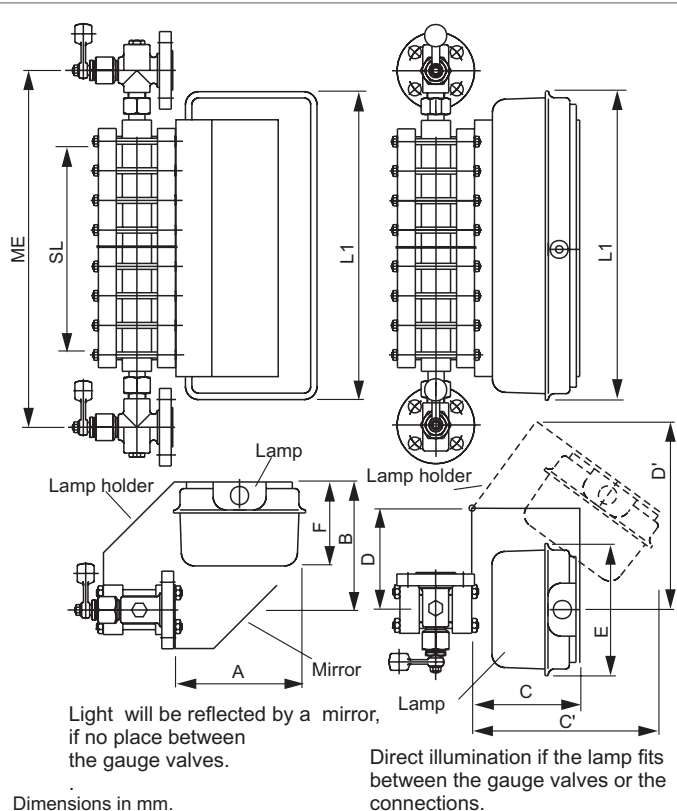
Type **2XXX**

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\*) The type of the holder varies with length and weight of the lamp.  
Lamp with holder can be mounted also on the other side.  
The shown level gauge only for example.

### General Dimensions

Typ	A	B	C	C'	D	D'
.21X1K	200	250	160	500	250	500
.21X2K	200	250	160	500	250	500
.22X3K	250	250	180	500	250	500

### Lamp Dimensions

Typ	.21G1K	.21A1K	.21D1K	.21G2K	.21A2K	.21D2K	.2243K	.2283K	.22E3K
L1	667	1277	1577	732	1332	1632	700	1310	1610
E	105	105	105	188	188	188	221	221	221
F	116	116	116	130	130	130	143	143	143

## Field of Application

The illuminations are designed for illuminating sight windows according to DIN 7081 and mica sight windows. By choosing one of three lamp lengths the illumination can be fitted to level gauge. It can be operated in hazardous areas according to ATEX and FM.

## General Data

Material housing lamp: plastics  
Dimensions: see table  
Weight type  
- .21G1K/.21A1K/.21D1K: 1,5/2,8/4,0 kg  
- .21G2K/.21A2K/.21D2K: 6,7/6,7/8,0 kg  
- .2243K/.2283K/.22E3K: 6,7/8,0/9,1 kg

## Design Data

Temperature ambient  
- .21G1K/.21A1K/.21D1K: 0...+40 °C  
- .21G2K/.21A2K: -20...+50 °C  
- .21D2K: -20...+40 °C  
- .2243K/.2283K/.22E3K: -20...+50 °C

## Ex-data

- .21G2K/.21A2K/.21D2K: EEx ed IIC T4  
- .2243K/.2283K/.22E3K: Cl.1 Zone 1&2 AEx ed IIC T4  
Class I Div. 2 Groups ABCD T4  
Class II Div 1&2 Groups EFG  
Class III

## Electrical Data

Power supply  
- .21G1K/.21A1K/.21D1K: 230 VAC  
- .21G2K/.21A2K/.21D2K: 230 VAC  
- .2243K/.2283K/.22E3K: 120 VAC

## Flourescent lamps

- .21G1K/.21A1K/.21D1K: 2-pin  
- .21G2K/.21A2K/.21D2K: 18/36/58 W  
- .2243K/.2283K/.22E3K: 2-pin T8  
17/32/65 W

## Ingress protection

- .21G1K/.21A1K/.21D1K: IP65  
- .21G2K/.21A2K/.21D2K: IP66  
- .2243K/.2283K/.22E3K: IP66 / NEMA 3, 4, 4X

## Certificates

- .21G2K/.21A2K/.21D2K: PTB 96 ATEX 2144  
- .2243K/.2283K/.22E3K: FM File No. J.I. 3D2A9.AE  
Subject to alterations

## Ordering no.

7 0 9 . 2 X X X - K

Power supply	230 VAC	1				
	120 VAC (onlyr FM)	2				
Lamp power	1*17 W (only FM)	4	1	Standard	Type	
	2*18 W	G	2	ATEX		
	1*32 W (only FM)	8	3	FM		
	1*36 W	A				
	1*58 W	D				
	1*65 W (only FM)	E				

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