

# Liquid Level Gauge CL 1500

## Type 700.CA

### Application

The refraction liquid level gauge type 700.CA, with the special design of the water channel, effects a brilliant dark-light contrast between water and steam space and is well suited for TV remote indication

### Special Features

- Refraction
- Connection back-side
- Double shut-off valves side-side, with automatically closing ball
- Mica holder with mica sheets
- Lever

### General Data

Sight length SL *)	< ME
Actuation	lever, handwheel
Connection gauge head-body	valves side-side
Valve type	760.18
Process connection	flange DIN, EN or ANSI
Materials	CS
Material mica package	mica
Material gaskets	Graphite
Other materials on request.	

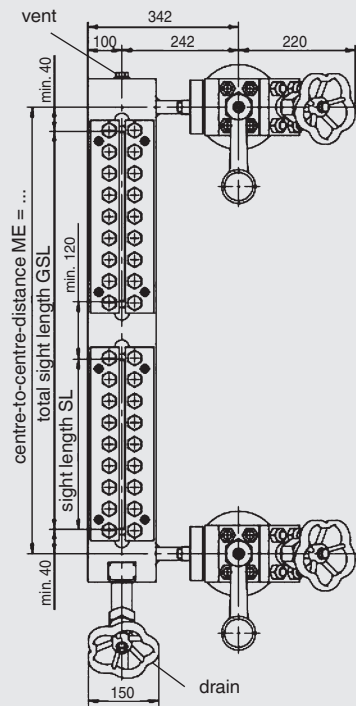
### Design Data

Nominal pressure	CL 1500
Design temperature / pressure max.	374°C / 165 bar

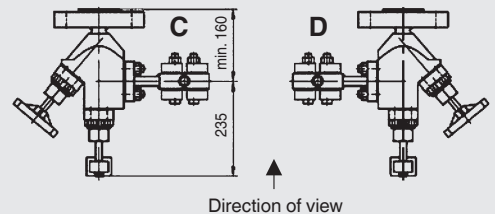
### Accessories

Pointer	NW-mark acc. to TRD
Illumination device series	see 709

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Arrangement



Dimensions in mm

\*) Sight length SL = center-to-center-distance ME – 80 mm  
Interruption between 2 sight glasses: min. 120 mm

CS (= carbonsteel) and SS (= stainless steel type 316SS) are materials suitable for Pressure Vessels according to EN or ASME.

### Glass size / range of centre-to-centre distance

Glass size*	3	4	5	6	7	8	9
Glass length / mm	165	190	220	250	280	320	340
SL per segment	145	170	200	230	260	300	320
<b>min. center-to-center-distance / mm</b>							
1 x glass size	225	250	280	310	340	380	400
2 x glass size	490	540	600	660	720	800	840
3 x glass size	755	830	920	1010	1100	1220	1280
4 x glass size	1020	1120	1240	1360	1480	1640	1720
5 x glass size	1285	1410	1560	1710	1860	2060	2160