

Transparent Sight Glass Level Gauge PN 40 Type 700.C0 (Transparent)

Applications

The transparent sight glass level gauge type 700.C0 is für direct reading e.g. for storage vessels.

Special Features

- Transparent
- Connection back-side
- Gauge heads integrated
- Glass holder with smooth sight glasses
- Handwheel

General Data

Sight length SL*)	< ME
Actuation	handwheel
Connection gauge head-body	valves integrated
Valve passage	8 mm
Process connection	flange DIN, EN or ANSI
Materials	
- Sight glasses DIN 7081	Borosilikate
- Glass holder	CS
- Connection flanges	CS
- Drain valve	CS
- Shut off parts	SS
- Gaskets	Graphite

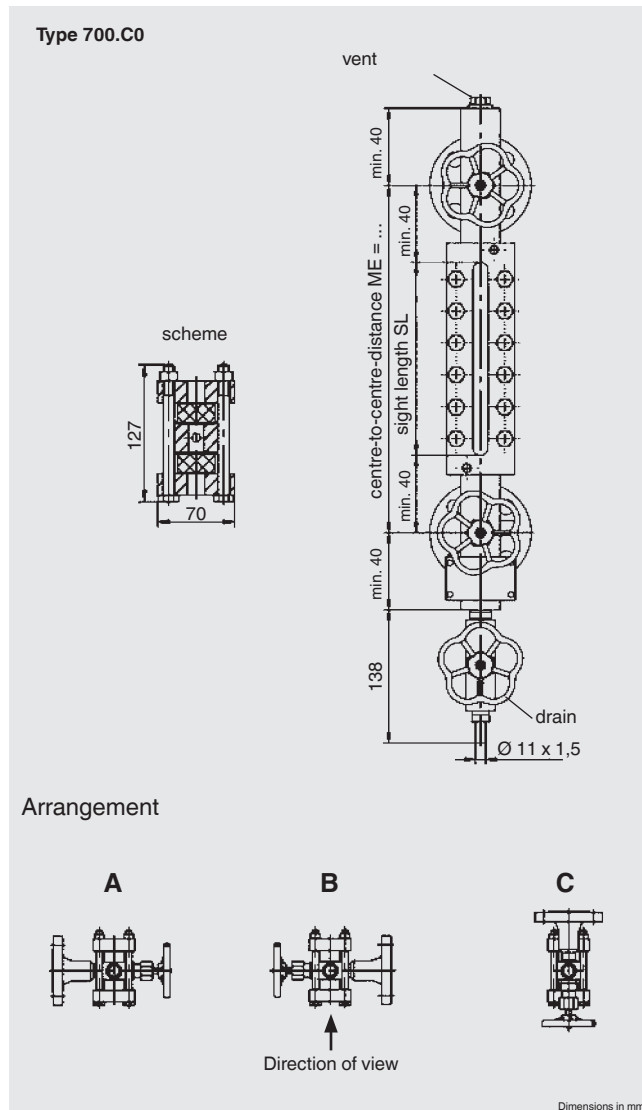
Design Data

Design temperature / Design pressure (for glass sizes 2 to 9)	- 10 ... 100°C / 40 bar
	- 10 ... 200°C / 32 bar
	- 10 ... 243°C / 30 bar
	- 10 ... 300°C* / 30 bar

*) with mica protection inner side

Accessories

Pointer	NW-mark acc. to TRD
For shut off valves	automatically closing ball (safety device) (at least 1 bar pressure tanks required for the function)
Glass protection	Mica exterior protection



*) Sight length SL = center-to-center-distance ME – 80 mm
Interruption between 2 sight glasses: min. 45 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*	2	3	4	5	6	7	8	9
Glass length / mm	140	165	190	220	250	280	320	340
SL per segment	120	145	170	200	230	260	300	320
min. center-to-center-distance / mm								
1 x glass size	200	225	250	280	310	340	380	400
2 x glass size				525	590	650	730	770
3 x glass size				770	870	960	1080	1140
4 x glass size				1015	1135	1255	1415	1495
5 x glass size				1280	1410	1560	1760	1860