

Reflection Water Level Gauge PN 40

Type 700.B7 (Reflex)

Applications

The water level gauge type 700.B7 is a universal reflection gauge for direct reading water level e.g. for storage vessels. They are equipped with sight glasses with grooves for a clear contrast in the display.

Special Features

- Reflection
- Connection side-side fixed
- Gauge heads side-side
- Glass holder: side plates, hinged
- Lever

General Data

Sight length SL*)	<ME
Actuation	lever
Connection gauge head – glass holder	valves side-side
Valve type	760.11
Valve passage	8 mm
Process connection	flange DIN, EN or ANSI
Vent plug	M 12x12, DIN 910

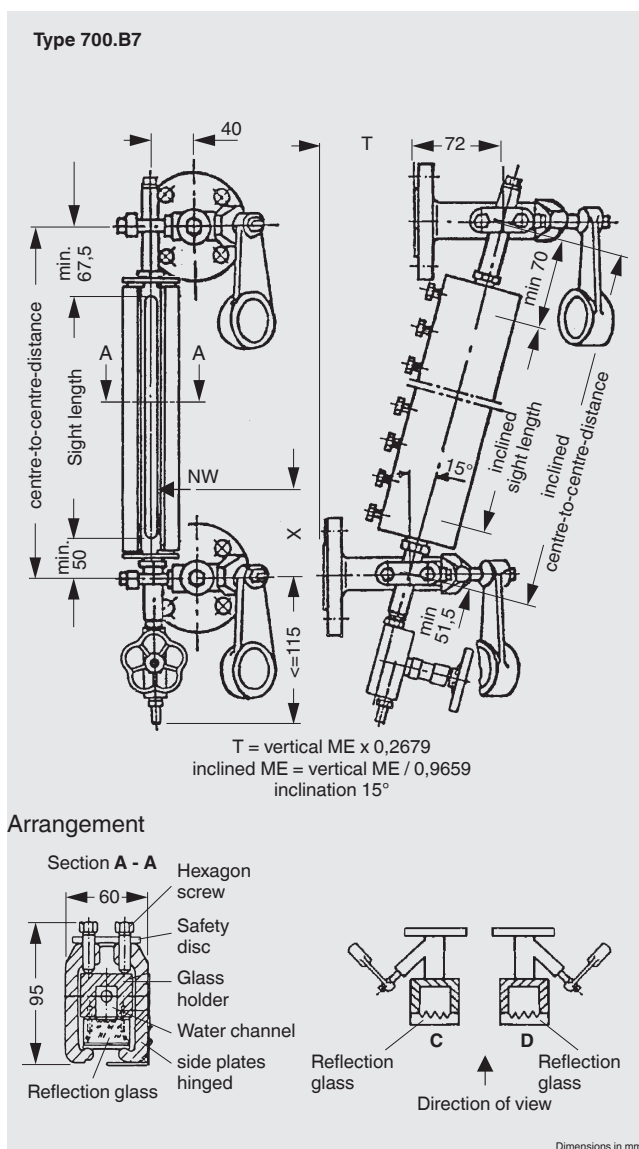
Materials	
- Sight glasses DIN 7081	Borosilikate
- Glass holder	CS
- Connection flanges	CS
- Shut off parts	CS
- Gaskets	Graphite

Design Data

Design temperature / Design pressure	-10 ... 120 °C / 40 bar
	-10 ... 238 °C / 32 bar

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



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
vertical CCD*	from 233,5	257,5	281,5	310,5	339,5	368,5	407	426,5
	to 265	290	320	345	375	415	435	465