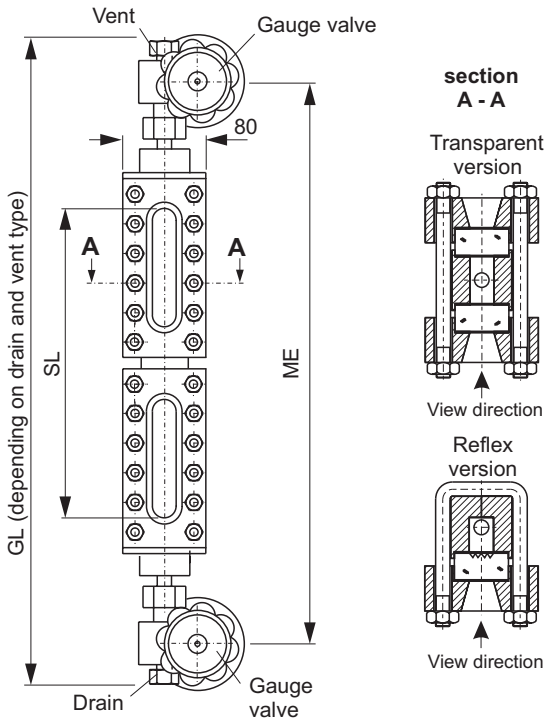
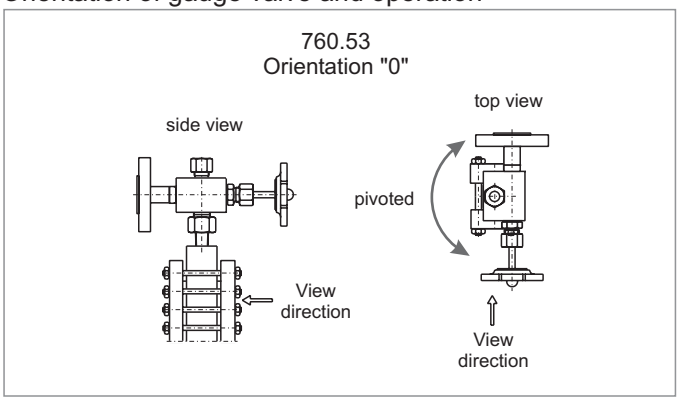
Sight glass level gauge CL150 to 600

Light execution
Reflex, Transparent
Connection top-bottom pivoted
Connection gauge valve to gauge chamber: union
Offset, handwheel

Product group	700
Type	21
Sheet: 19	Revision: 1
Date:	02/06



Orientation of gauge valve and operation



Field of Application

Direct reading liquid level indicator for general applications up to CL600 (depends on glass type). Increased safety with ball check valves.

General Data

Visible length SL:	<ME - 180 mm
Body:	40 x 40, ∅40 (for special materials)
Connection gauge valve - body:	union
Gauge valve types:	see data sheet 760.53
Actuation:	hand wheel
Material glass plates acc. to DIN 7081:	Borosilicate
Material media wetted parts:	CS, SS

Depending on delivery situation material can vary.
Types with special materials e. g.
Hastelloy, Monel etc. are available.

Weight
- basic weight (glass type 4-9)
  reflex / transparent: 10.5-14.0 kg / 13.2-17.5 kg
- per segment (glass type 4-9)
  reflex / transparent: 7.0-11.8 kg / 8.2-12.8 kg

Depending on execution weight can vary.

Design Data

Design pressure/-temperature	see derating
- D40, reflex:	data sheet BG00R0
- 40 x 40, reflex, transparent:	data sheet BG00R1

Further Data

Connection gauge valve - body:	see 700.VAR
Process connection:	see 700.VAR
Vent:	see 700.VAR
Drain:	see 700.VAR

Accessories

Glass protection etc.:	see accessories
Frosts protection:	see accessories
Illumination:	see accessories
Scale:	see accessories
Heating:	see accessories

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

Subject to alterations

Ordering no.

7	0	0	2	1	X	X	5	3	0	X	X	-	X	X	-	X	X	X	X	X	X	X	X	-	X	X	X	X
																see 700.VAR									ME [mm]			

	results from ME		glass type
X	spec. glass types		
X X	nos of segments		
	DIN-bolts, -nuts		DIN/ASME
A	ANSI-bolts, -nuts		
0	D40 (for special materials)		gauge body
1	40 x 40 DIN 7081		
0	see data sheet 760.53		orientation gauge valve

bridging	without	0
	with	1
glass window	Reflex (DIN 7081)	1
	Transparent (DIN 7081)	2
gauge valve	760.53	5 3 0

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