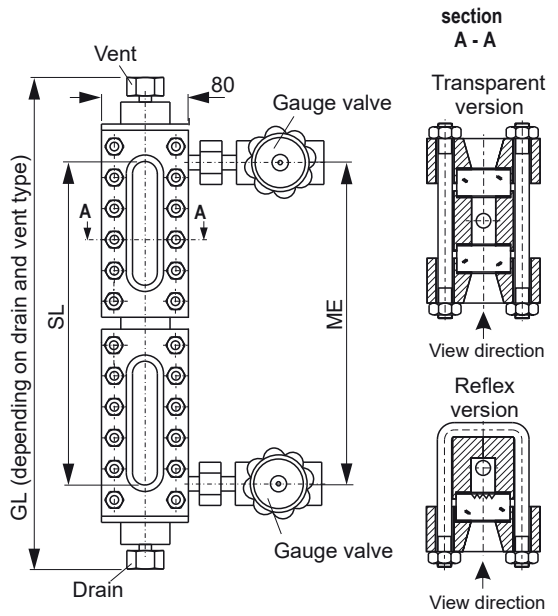
PHÖNIX CONTROL
Founded 1981

PHÖNIX CONTROL Méréstechnikai és Alkatrészgyártó Kft.

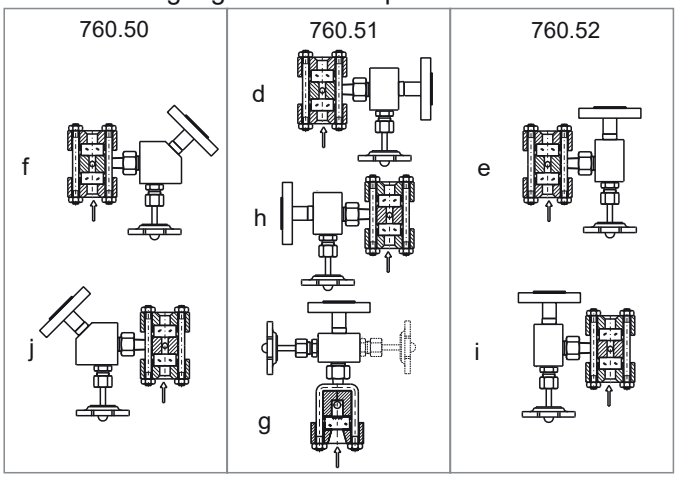
Sight glass level gauge PN40 / CL300

Light execution
Reflex, Transparent
Connection side-side fixed
Connection gauge valve to gauge chamber: union
Hand wheel

Product group	700
Type	12
Sheet: 1	Revision: 3
Date:	04/22



Orientation of gauge valve and operation



Field of Application

Direct reading liquid level indicator for general applications up to PN40 / CL300 (depends on glass type). Increased safety with ball check valves.

General Data

Visible length SL:	≤ME
Body:	40 x 40, Ø40 (for special materials)
Connection gauge valve - body:	union
Gauge valve types:	see data sheet 760.50/51/52
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	1	2	X	X	X	X	X	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	
X	see data sheet 760.50/51/52	orientation gauge valve

bridging	without	0		
	with	1		
glass window	Reflex (DIN 7081)	1		
	Transparent (DIN 7081)	2		
gauge valve	760.50	5	0	
	760.51	5	1	
	760.52	5	2	

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