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PHÖNiX Messtechnik GmbH

# PHÖNiX

## Sight glass level gauge CL150 to 600

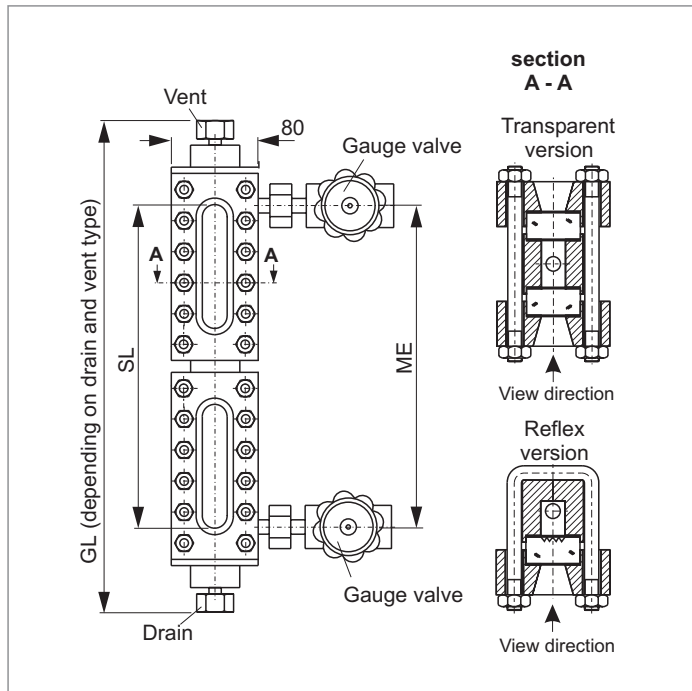
Light execution  
Reflex, Transparent  
Connection side-side fixed  
Connection gauge valve to gauge chamber: union  
Hand wheel

Product group **700**

Type **12**

Sheet: 15      Revision: 0

Date: 02/05



### 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  
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

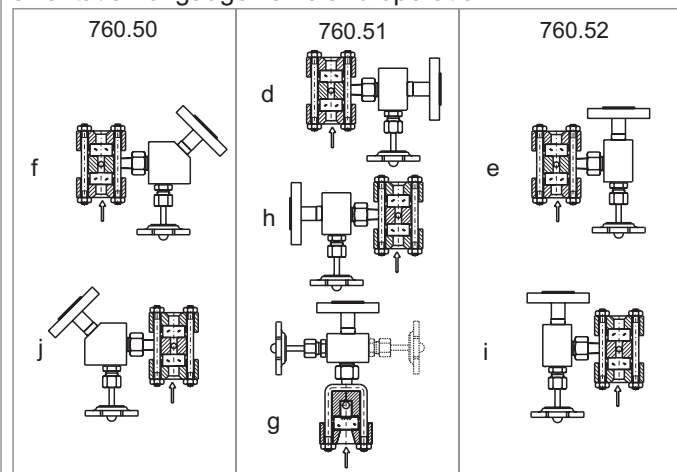
### Accessories

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

### Orientation of gauge valve and operation



### 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 X X X X		see 700.VAR	ME [mm]
bridging	without	0	X X nos of segments
	with	1	
glass window	Reflex (DIN 7081)	1	0 D40 (for special materials)
	Transparent (DIN 7081)	2	
gauge valve	760.50	5 0	1 40 x 40 DIN 7081
	760.51	5 1	
	760.52	5 2	
		X	see data sheet 760.50/51/52
			results from ME
			X spec. glass types
			glass type
			DIN/ASME
			gauge body
			orientation
			gauge valve

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