



With flange connections according to DIN EN 1092-1

USAGE

Tubular sight glass is used for observing fillings and flows in pipelines. The sight glasses allow for reliable 360° monitoring of the function and performance of individual devices as well as entire systems. Type 620K is designed with flanges on both sides that conform to DIN EN 1092-1.

Operating condition

Temperature: (depending on glass and gasket)	up to 60 °C with flanges made of PVC up to 80 °C with flanges made of PP up to 100 °C with flanges made of PVDF
Pressure:	≤ 10 ¹ barg

1) See pT-Rating

Materials

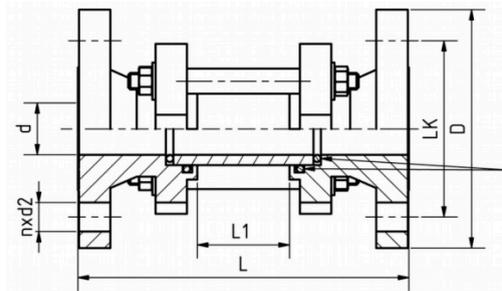
Flange:	PVC; PP; PVDF; PE-EL (Conductive)
Glass cylinder:	Borosilicate glass 3.3
Gasket: ²	O-Ring (FKM; EPDM)
Screws:	A4-70

Special materials on request
2) See INFO Gaskets

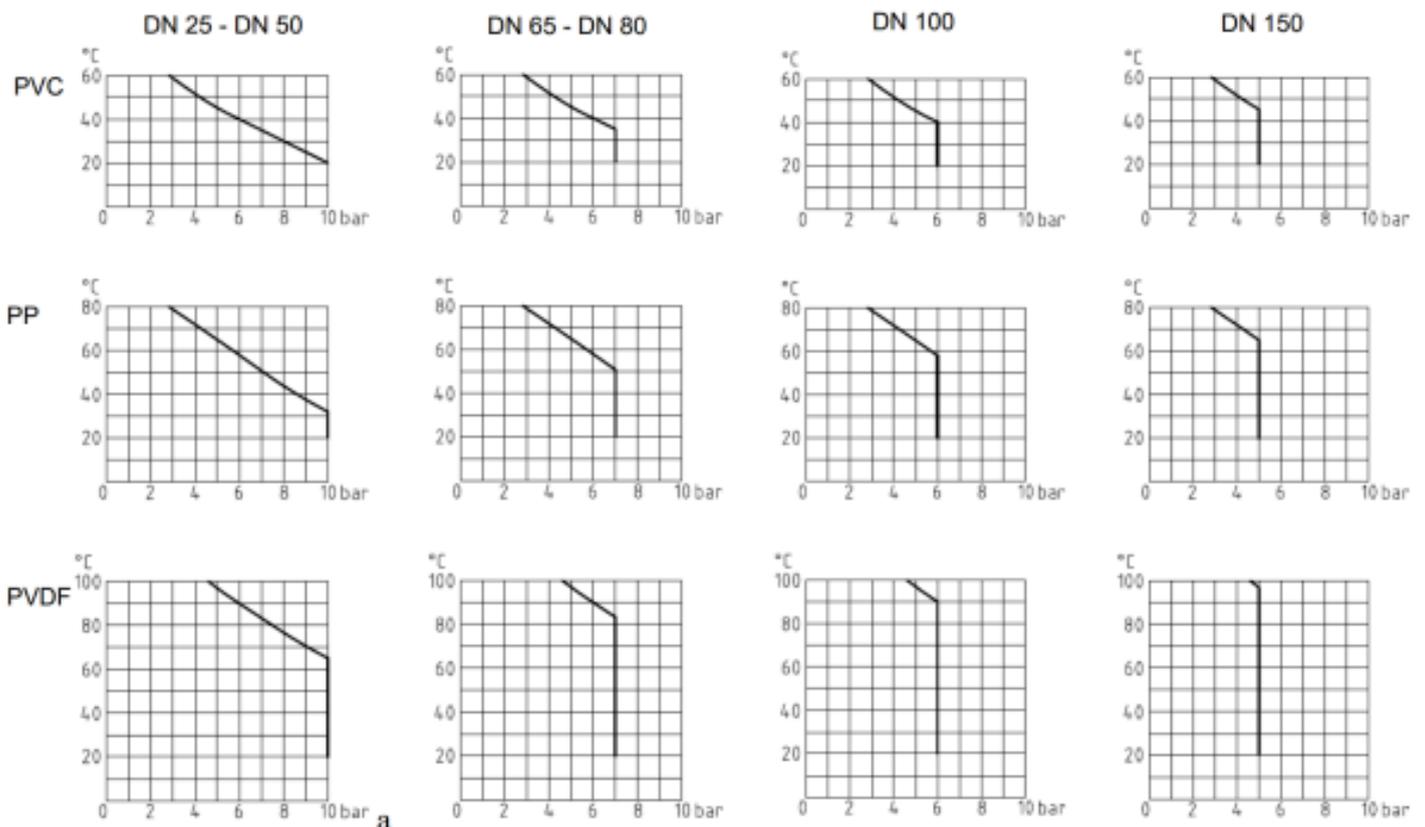
INSTALLATION NOTE

Seals suitable for the sealing surfaces should be used. The screw material should be equal to or greater than that of the sight glass body. Generally, use screws that match the drilling pattern. If possible, the screw thread and the screw head should be lubricated. Tubular sight glasses must be installed in such a way that no pipe forces (tension, pressure, and torsion), vibrations, and pressure surges can affect the fitting!

DRAWING



DN	25	32	40	50	65	80	100	150
D [mm]	115	140	150	165	185	200	220	285
d [mm]	32	40	50	63	75	90	110	160
L [mm]	160	180	200	230	290	310	350	480
L1 [mm]	46	58	70	92	116	126	160	240
LK [mm]	85	100	110	125	145	160	180	240
n x d2 [mm]	4 x ø 14	4 x ø 18	8 x ø 18	8 x ø 18	8 x ø 22			



PRODUCT CODE

Example for Explaining the Code Composition

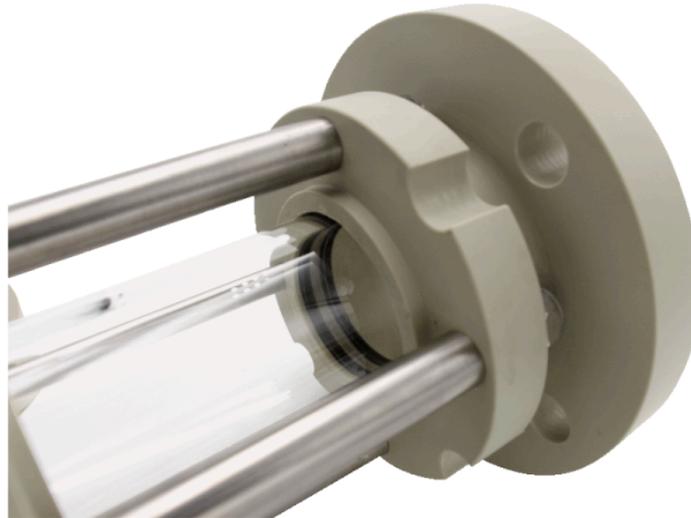
11 - 620K - 100 - 2 - 2 - 000

GROUP	TYPE	DN	FLANGE	GASKET	LENGTH
11	620K	25	1) PVC	1) FKM	000) Standard
		32	2) PP	2) EPDM	
		40	3) PVDF	8) Special	
		50	4) PE-EL (Conductive)		
		65			
		80			
		100			
		150			

EXAMPLE

The product code **11-620K-100-2-1-000** corresponds to the standard version:

- Type 620K
- DN 100
- Max. pressure 6 barg at +20 °C
- Flanges made of PP
- Seal: O-ring made of FKM
- Length: Standard



QUICK OVERVIEW



up to max. 10 barg



heat-resistant up to 100
°C



for liquid media



for gaseous media



Nominal sizes
DN 25 - 150



Custom made designs
possible