

# Pipelife Gas-Stop™ GS50/25UE

Excess Flow Valve for Service Lines (SL) d<sub>a</sub>50/DN40



Operating pressure: **0.025-1.0 bar (0.0025-0.1 MPa)**  
 Colour code: **Blue**

## Product codes

	Automatic reopening	Sepa mounting part	Integd PE100/SDR11 adapter
GS50/25UE	•	•	-
GSA50/25UE	•	-	•

## Technical data

Operating pressure pe bar	Nominal flow Vn m <sup>3</sup> /h	Shut-off flow Vs m <sup>3</sup> /h	Protectable pipe length m	Reopening time sec/m
0.025	25.0	41.5	72	12
0.050	25.0	42.0	97	10
0.1	25.0	43.0	>100	16
0.2	27.0	45.0	>100	30
0.3	29.0	46.5	>100	40
0.5	31.0	50.0	>100	55
1.0	36.0	58.0	>100	70

### Flow values:

All data for nominal or shut-off flow (Vn, Vs) and overflow volume are applicable for natural gas H, ρn = 0.74 kg/m<sup>3</sup> at 0° C, 1013.25 mbar.

### Pressure drop at Vn:

≤2.5 mbar

### Installation position:

Deviation of -30° to +90° from the horizontal position permitted.

### Overflow volume (UE type):

GS50/25UE ≤38 l/h at 0.1 bar

### Protectable pipe length:

Guide values according to DVGW G 5305-2, Annex B

### Correction factor for other gases:

$$f = \sqrt{\frac{0.74}{\rho_n}}$$

f = Correction factor

ρn = Standard density of the other gas type in kg/m<sup>3</sup> at 1013.25 mbar, 0° C

### Certifications/test basis:

EU-DE DVGW G 5305-2 (0.025-1.0 bar)

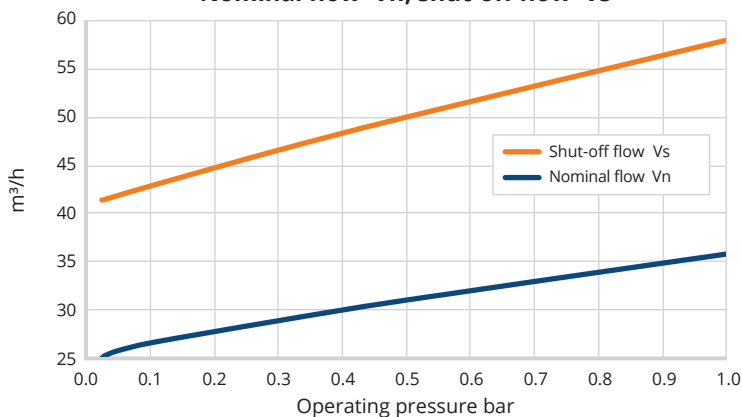
EU-AT ÖVGW QS-G 494 (0.025-0.1 bar)



### Note:

For further information, see "Explanations on the product data sheets". Information on installation in service line of other dimensions is available on request.

Nominal flow Vn, shut-off flow Vs



Protectable pipe length

