

# Pipelife Gas-Stop™ GS32/500(UE)

Excess Flow Valve for Service Lines (SL) d<sub>a</sub>32/DN25



Operating pressure: **0.5-5.0 bar (0.05-0.5 MPa)**  
 Colour code: **Orange**

## Product codes

	Automatic reopening	Sepa mounting part	Integd PE100/SDR11 adapter
GS32/500	-	•	-
GSA32/500	-	-	•
GS32/500UE	•	•	-
GSA32/500UE	•	-	•

## 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
0.5	100.0	145.0	12	55
1.0	116.5	175.5	29	70
2.0	144.0	217.0	62	85
3.0	166.5	250.0	95	91
4.0	187.0	277.0	129	97
5.0	205.0	300.0	164	100

### Flow values:

All data for nominal or shut-off flow (Vn, Vs) as well as leak 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:** ≤65.0 mbar

**Installation position:** All installation positions permitted.

### Leak , overflow volume (UE type):

GS32/500 max. 3.8 l/h

GS32/500UE ≤38 l/h at 1.0 bar

### Protectable pipe length:

Guide values for a leak size of 70 % of the pipe cross-section, pipe roughness k = 0.05 mm, discharge coefficient μ = 0.6

### 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:

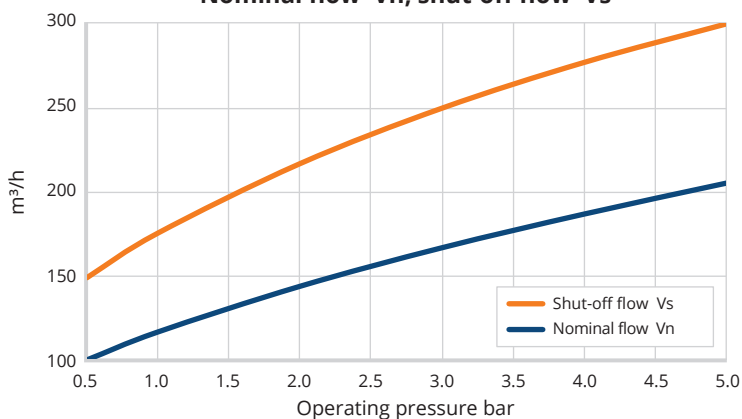
EU-E GN F ES.00212.GN-DG



### 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

