

## Gas meters

# UG industrial series

## $V=5.6 \text{ dm}^3 / V=11.2 \text{ dm}^3$

The industrial gas meters UG (standard version) are designed according to the European Norm EN1359. They are designed to measure the gas consumption of industrial and at other consumers, where the maximum consumption of all gas appliances does not exceed:

- 16 m<sup>3</sup>/h in case of gas meter UG-G10,
- 25 m<sup>3</sup>/h in case of gas meter UG-G16 and
- 40 m<sup>3</sup>/h in case of gas meter UG-G25,

of the air of density 1,2 kg/m<sup>3</sup>. They are suitable to measure the consumption of natural gas, synthetic gases and their mixtures. They can optionally be equipped with low frequency pulse transmitter type NI-3. The gas meters are equipped with internal sensors:

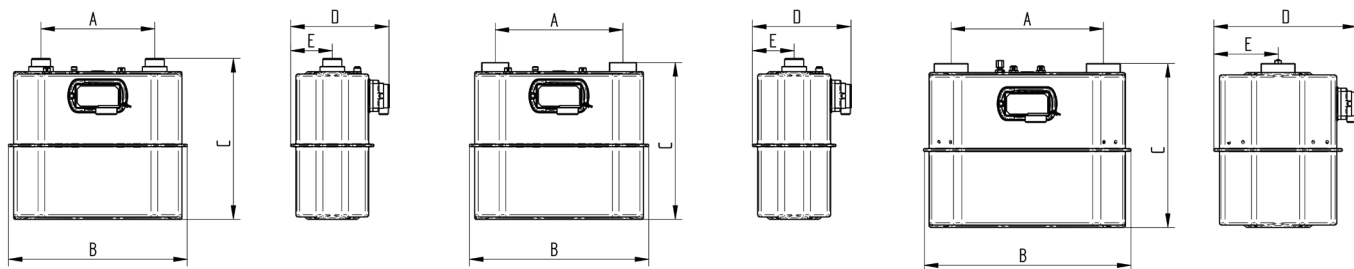
- two temperature sensors,
- one pressure sensor.



### Technical data

|  |                    | UG G10    | UG G16    | UG G25    |
|--|--------------------|-----------|-----------|-----------|
| Maximum flow rate                          | m <sup>3</sup> /h  | 16        | 25        | 40        |
| Minimum flow rate                          | m <sup>3</sup> /h  | 0.1       | 0.16      | 0.25      |
| Nominal flow rate                          | m <sup>3</sup> /h  | 10        | 16        | 25        |
| Cyclic volume                              | dm <sup>3</sup>    | 5.6       | 5.6       | 11.2      |
| Max working pressure                       | bar                | 0.5       | 0.5       | 0.5       |
| Index max indication                       | m <sup>3</sup> /h  | 999999.99 | 999999.99 | 999999.99 |
| Maximum starting flow rate                 | dm <sup>3</sup> /h | 13        | 13        | 20        |
| Pulse weight                               | m <sup>3</sup>     | 0.1       | 0.1       | 0.1       |
| Fireproof up to 650°C according to EN 1359 | bar                | 0.1       | 0.1       | 0.1       |

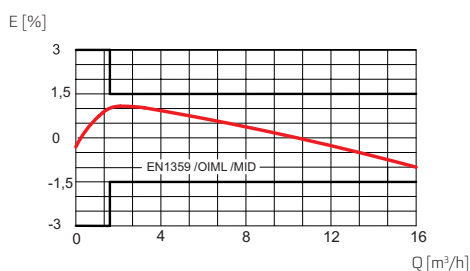
## Dimensions



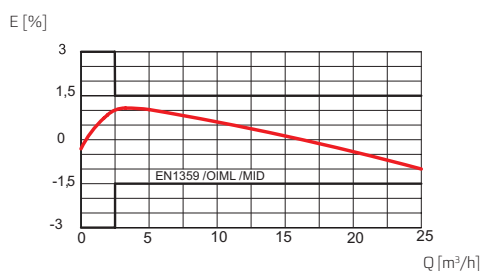
| Type of gasmeter | A   | B   | C   | D   | E   | Weight |
|------------------|-----|-----|-----|-----|-----|--------|
| UG G10 / UG G16  | 250 | 393 | 354 | 216 | 92  | ~ 6,8  |
| UG G10 / UG G16  | 280 | 393 | 344 | 216 | 92  | ~ 6,8  |
| UG G25           | 335 | 456 | 361 | 314 | 141 | ~ 12,1 |

## Curves of typical error and pressure loss

UG G10



UG G16



UG G25

