

UG SERIES V=1.2 dm³

UG 1.2 dm³ series gas meters are designed for measurement of gas supplied to apartments where consumption of gas does not exceed 6 m³/h of air density of 1.2 kg/m³.

THE GAS METERS CAN BE USED FOR MEASUREMENT OF:

- Natural gas
- City gas
- Propane-butane gas

Gas meter is equipped with pulse magnet as standard. Pulse transmitter can be added at any time (1 imp = 0.01 m³).



TECHNICAL DATA

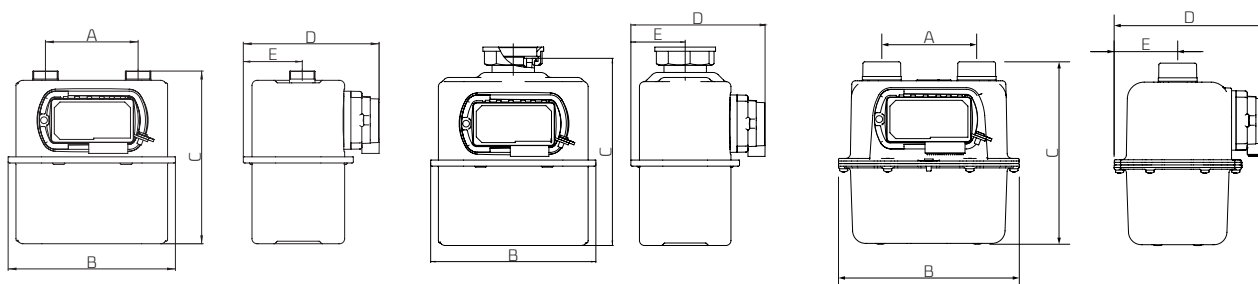
		UG G1.6	UG G2.5	UG G4
Maximum flow rate	m ³ /h	2.5	4	6
Minimum flow rate	m ³ /h	0.016	0.016 / 0.025	0.016 / 0.025 / 0.040
Nominal flow rate	m ³ /h	1.6	2.5	4
Cyclic volume	dm ³	1.2	1.2	1.2
Max working pressure	bar	0.5 / 2*	0.5 / 2*	0.5 / 2*
Index max indication	m ³ /h	99999.999	99999.999	99999.999
Starting flow rate	dm ³ /h	3	5	5
Fireproof up to 650 °C according to EN 1359	bar	0.1	0.1	0.1

*) Aluminium case

ADDITIONAL INFORMATION ON GAS METERS WITH MECHANICAL TEMPERATURE COMPENSATION

	UG T
Cyclic volume	1.15 dm ³
Allowable indication errors limits during initial verification:	
- Q _{min} to 0.1 Q _{max}	± 3.5%
- 0.1 Q _{max} to Q _{max}	± 2.0%
Temperature range	-25 ÷ 55°C
UG T - TC correction range:	
- standard	-10 ÷ 40°C
- optional	-25 ÷ 40°C

DIMENSIONS

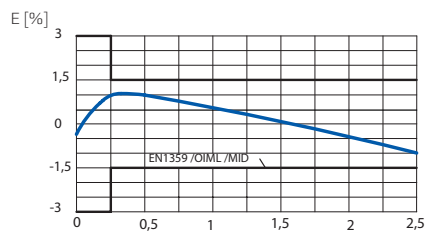


A [mm]	B [mm]		C [mm]		D [mm]		E [mm]		Weight [kg]
	Steel case	Alu case*	Steel case	Alu case*	Steel case	Alu case*	Steel case	Alu case*	
000	200	–	227	–	161	–	65	–	~1.7
100	200	210	205 to 211	210	161	175	70	74	~1.7
110	200	210	205 to 211	210	161	175	70	74	~1.7
130	200	–	205 to 211	–	161	–	70	–	~2.0
152.4	235	–	268	–	177	–	73	–	~3.0
160	235	–	240	–	177	–	73	–	~3.0
220	283	–	222	–	176	–	72	–	~2.0
250	325	–	222	–	177	–	72	–	~3.2

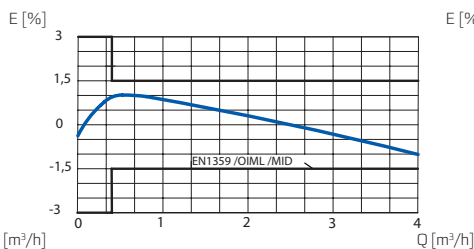
*) Aluminium case

CURVES OF TYPICAL ERROR AND PRESSURE LOSS

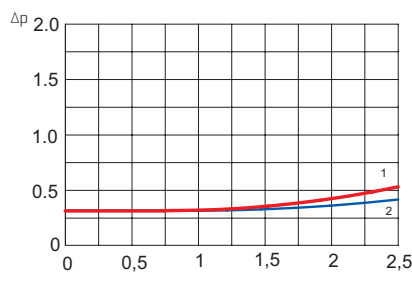
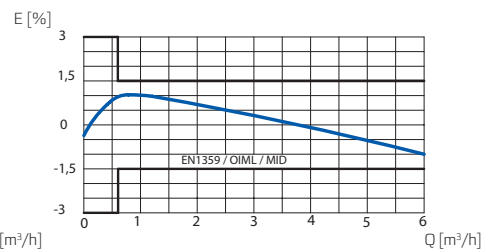
UG G1.6



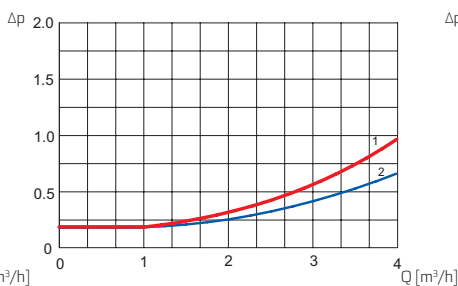
UG G2.5



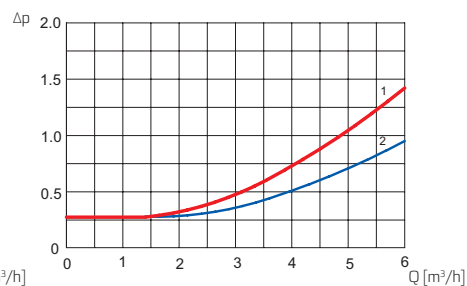
UG G4



1) Air
2) Natural gas



1) Air
2) Natural gas



1) Air
2) Natural gas

UG SERIES V=2.2 dm³

UG 2.2 dm³ series gas meters are designed for measurement of gas supplied to apartments where consumption of gas does not exceed 10 m³/h of air density of 1.2 kg/m³.

THE GAS METERS CAN BE USED FOR MEASUREMENT OF:

- Natural gas
- City gas
- Propane-butane gas

Gas meter is equipped with pulse magnet as standard. Pulse transmitter can be added at any time (1 imp = 0.01 m³).



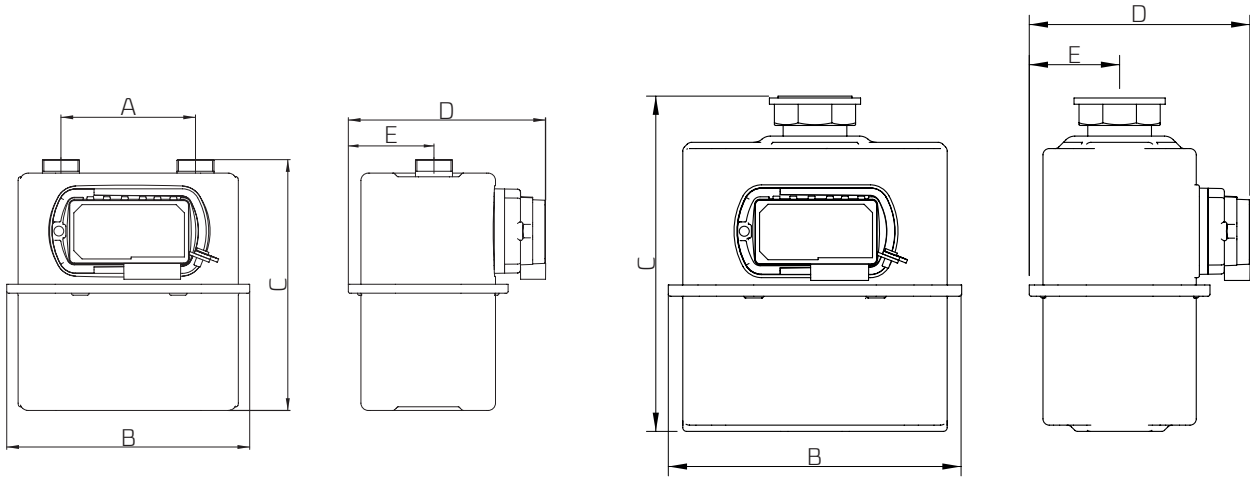
TECHNICAL DATA

		UG G4	ZUG G6
Maximum flow rate	m ³ /h	6	10
Minimum flow rate	m ³ /h	0.040	0.060
Nominal flow rate	m ³ /h	4	6
Cyclic volume	dm ³	2.2	2.2
Max working pressure	bar	0.5	0.5
Index max indication	m ³ /h	99999.999	99999.999
Starting flow rate	dm ³ /h	5	5
Fireproof up to 650 °C according to EN 1359	bar	0.1	0.1

ADDITIONAL INFORMATION ON GAS METERS WITH MECHANICAL TEMPERATURE COMPENSATION

	UG T
Cyclic volume	1.9 dm ³
Allowable indication errors limits during initial verification:	
- Q _{min} to 0.1 Q _{max}	± 3.5%
- 0.1 Q _{max} to Q _{max}	± 2.0%
Temperature range	-25 ÷ 55°C
UG T - TC correction range:	
- standard	-10 ÷ 40°C
- optional	-25 ÷ 40°C

DIMENSIONS

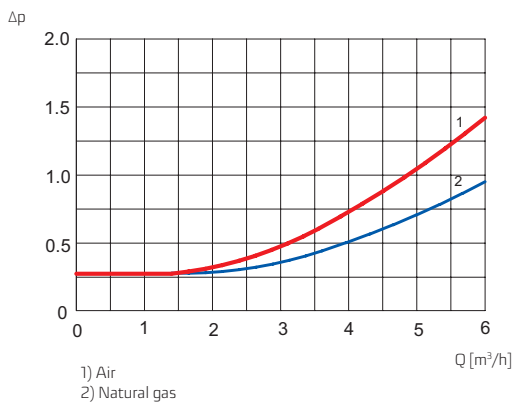
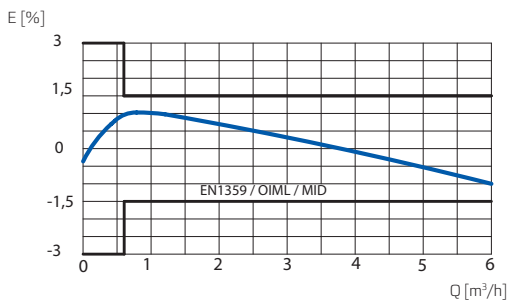


A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Weight [kg]
	Steel case	Steel case	Steel case	Steel case	
000	235	270	177	73	3.0
130	235	240	177	73	2.9
152.4	235	262	177	73	3.1
160	235	240	177	77	2.9
220	283	222	176	72	3.2
250	325	222	177	73	3.2

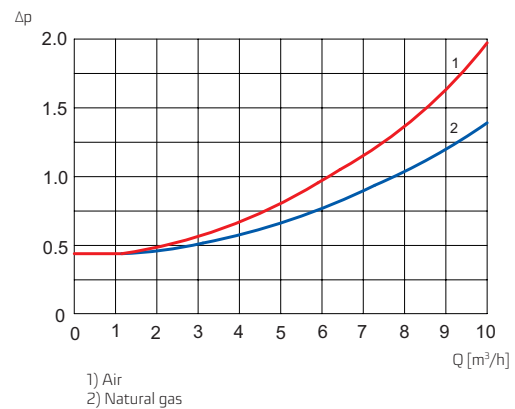
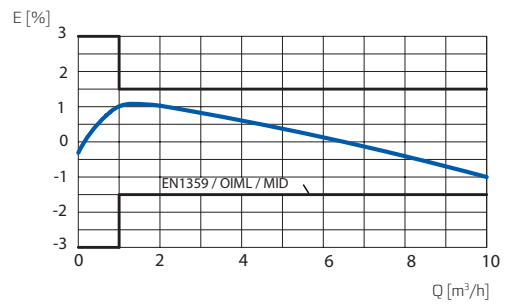
*) Aluminium case

CURVES OF TYPICAL ERROR AND PRESSURE LOSS

UG G4



2UG G6



UG SERIES V=5.6 dm³

UG 5.6 dm³ series gas meters are designed for measurement of gas supplied to commercial consumers where maximum consumption of gas does not exceed 25 m³/h of air density of 1.2 kg/m³.

THE GAS METERS CAN BE USED FOR MEASUREMENT OF:

- Natural gas
- City gas
- Propane-butane gas

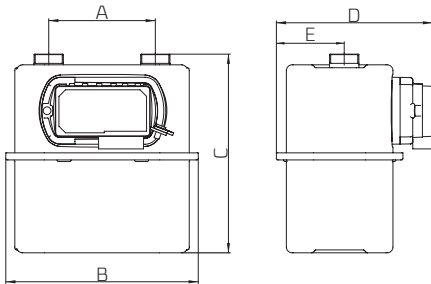
Gas meter is equipped with pulse magnet as standard. Pulse transmitter can be added at any time (1 imp = 0.1 m³).



TECHNICAL DATA

		UG G10	UG G16
Maximum flow rate	m ³ /h	16	25
Minimum flow rate	m ³ /h	0.1	0.16
Nominal flow rate	m ³ /h	10	16
Cyclic volume	dm ³	5.6	5.6
Max working pressure	bar	0.5	0.5
Index max indication	m ³ /h	999999.99	999999.99
Starting flow rate	dm ³ /h	13	13
Fireproof up to 650 °C according to EN 1359	bar	0.1	0.1

DIMENSIONS



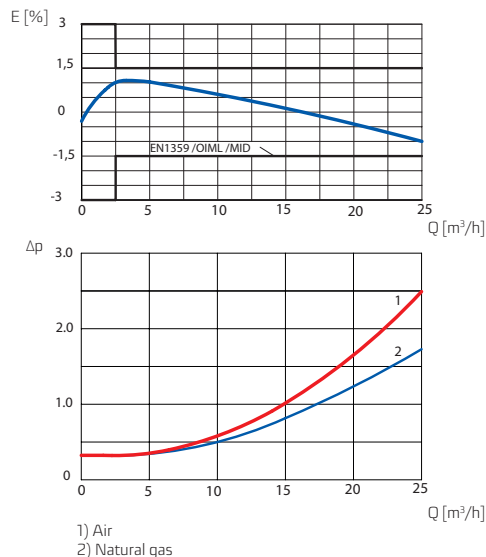
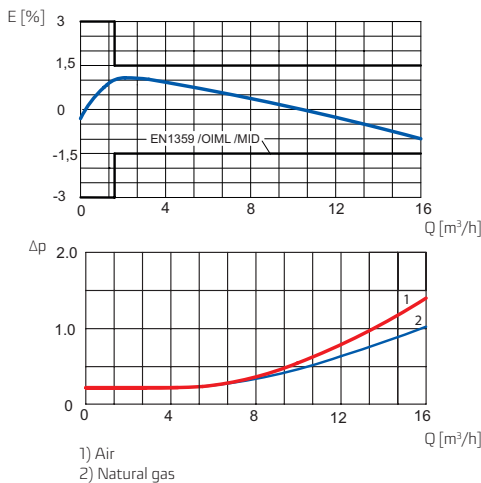
A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Weight [kg]
152.4	393	359	214	91	6.8
250	393	353 / 365*	214	91	6.6 / 7.4
280	393	345	214	91	6.8
300	393	345	214	91	6.8

*) BS746 connections

CURVES OF TYPICAL ERROR AND PRESSURE LOSS

UG G10

UG G16



UG G25 V=11.2 dm³

UG 11.2 dm³ gas meter is designed for measurement of gas supplied to commercial consumers where maximum consumption of gas does not exceed 40 m³/h of air density of 1.2 kg/m³.

THE GAS METERS CAN BE USED FOR MEASUREMENT OF:

- Natural gas
- City gas
- Propane-butane gas

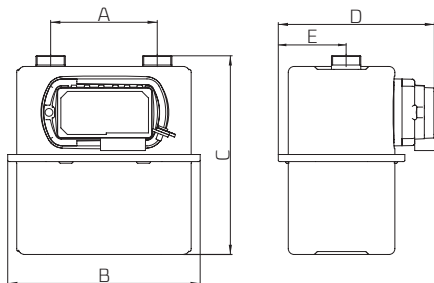
Gas meter is equipped with pulse magnet as standard. Pulse transmitter can be added at any time (1 imp = 0.1 m³).



TECHNICAL DATA

		UG G25
Maximum flow rate	m ³ /h	40
Minimum flow rate	m ³ /h	0.25
Nominal flow rate	m ³ /h	25
Cyclic volume	dm ³	11.2
Max working pressure	bar	0.5
Index max indication	m ³ /h	999999.99
Starting flow rate	dm ³ /h	20
Fireproof up to 650 °C according to EN 1359	bar	0.1

DIMENSIONS



A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Weight [kg]
280	456	380	313	141	12.0 kg
335	456	361	313	141	11.5 kg
400	476	460	313	141	14.8 kg

CURVES OF TYPICAL ERROR AND PRESSURE LOSS

UG G25

