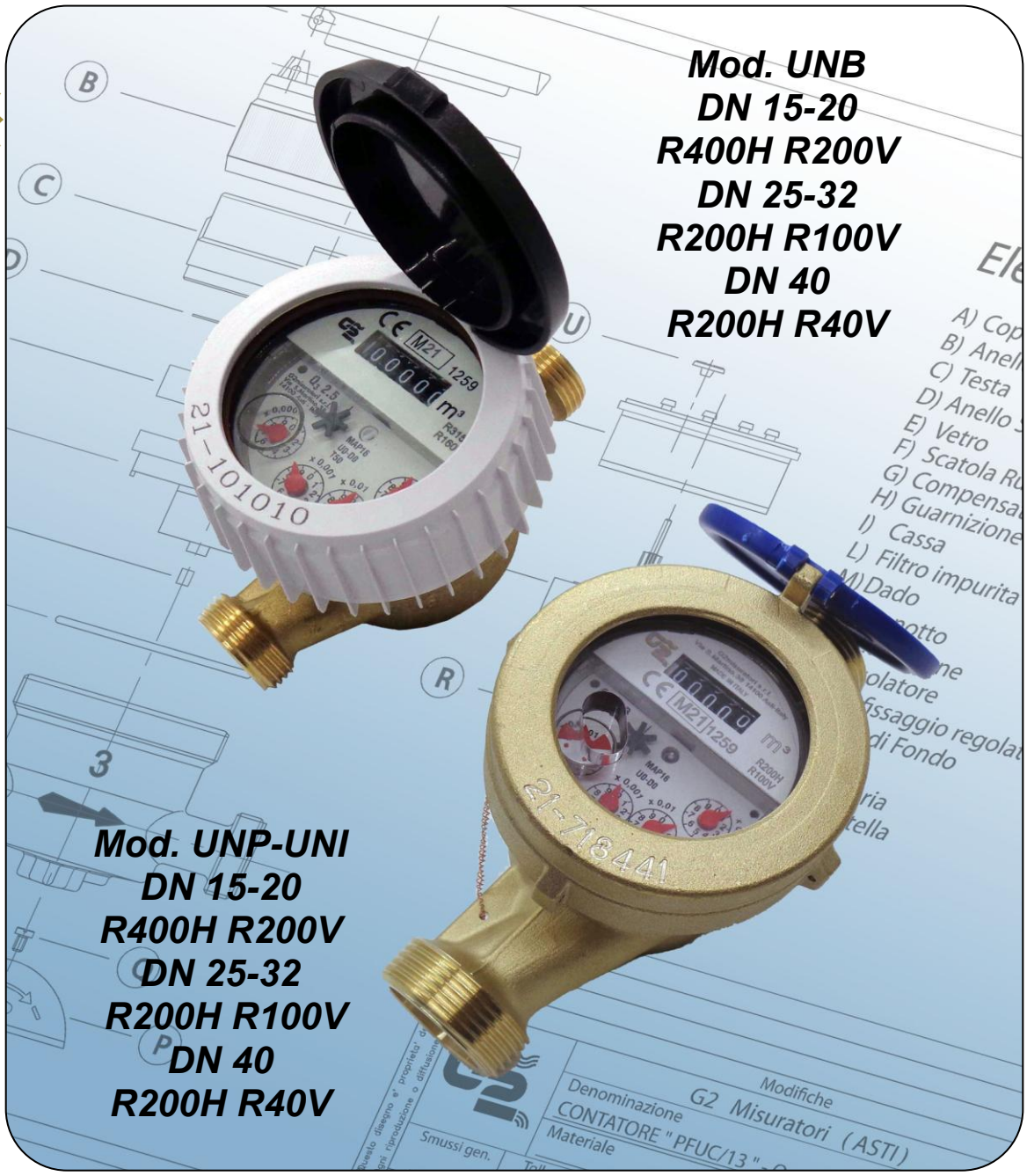
G2 misuratori

THE VALUE OF METERING

CE MID

Made in ITALY



UNY

- Single-jet meter, direct reading, temperature classes T30 and T50
- Model UNB, DN 15–20, WET dial, R400H measuring range, for clean water
- Model UNB, DN 25–32–40, WET dial, R200H measuring range, for clean water
- Model UNP, DN 15–20, LIQUID FILLED sealed counter, R400H measuring range, for turbid water
- UNP model, DN 25–32–40, LIQUID FILLED sealed counter, R200H measuring range, for turbid water
- U0-D0: No straight pipe are required upstream or downstream of the meter
- All models can be fitted with **a serial number** and corresponding **barcode** permanently engraved on the dial
- All models are **MID**-approved in accordance with the current Directive and comply with the **EN ISO 4064** and **OIML R49** standards
- All models are certified for use with drinking water in accordance with Ministerial Decree No. **174** of 6 April 2004;

UNY

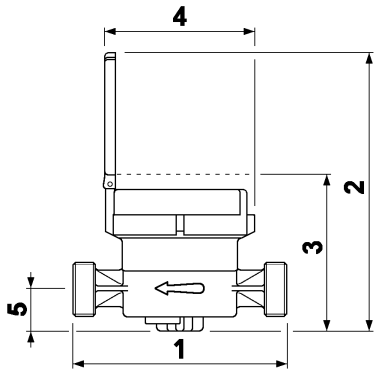
CE MID

Wet dial
Temperature class T30 and T50
UNB-R400 DN 15 / 20
UNB-R200 DN 25 / 32 / 40

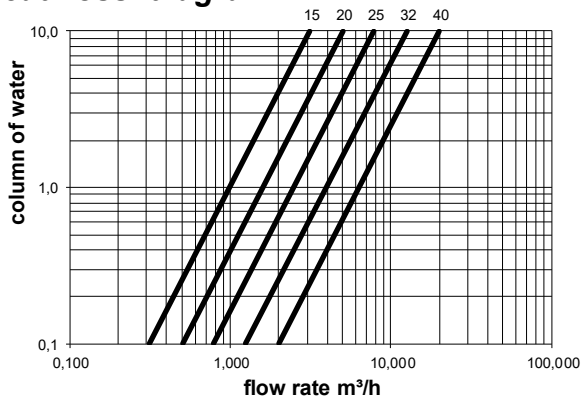
Liquid filled sealed counter
Temperature class T30 and T50
UNP-R400 DN 15 / 20
UNP-R200 DN 25 / 32 / 40

Other R availbable on request (from R40 to R400H, from R40V to R200V)

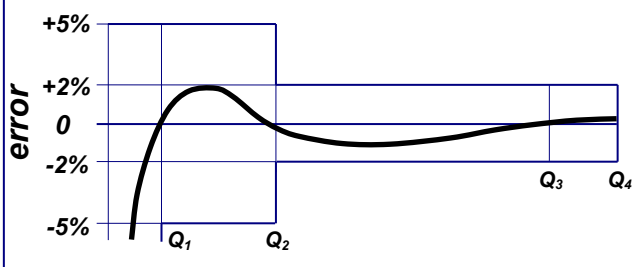
Technical specifications – DN in mm-inches	***15-1/2***	***20-3/4***	***25-1***	***32-1.1/4***	***40-1.1/2***
Permanent flow rate Q_3 (m^3/h)	***2,5***	***4,0***	***6,3***	***10***	***16***
Overload flowrate Q_4 (m^3/h)	*3,125*	*5,0*	*7,875*	*12,5*	*20*
Transition flow rate Q_2 with measuring range R400H [MPE ±2%] (l/h)	*10*	*16*	*-*	*-*	*-*
Minimum flow rate Q1 with measuring range R400H [MPE ±5%] (l/h)	*6,3*	*10*	*-*	*-*	*-*
Transition flow rate Q2 with measurement range R200V [MPE ±2%] (l/h)	*20*	*32*	*-*	*-*	*-*
Minimum flow rate Q1 with measurement range R200V [MPE ±5%] (l/h)	*12,5*	*20*	*-*	*-*	*-*
Transition flow rate Q2 with measurement range R200H [MPE ±2%] (l/h)	*-*	*-*	*50,4*	*80*	*128*
Minimum flow rate Q1 with measuring range R200H [MPE ±5%] (l/h)	*-*	*-*	*31,5*	*50*	*80*
Transition flow rate Q2 with measurement range R100V [MPE ±2%] (l/h)	*-*	*-*	*100,8*	*160*	*-*
Minimum flow rate Q1 with measuring range R100V [MPE ±5%] (l/h)	*-*	*-*	*63*	*100*	*-*
Transition flow rate Q2 with measurement range R40V [MPE ±2%] (l/h)	*-*	*-*	*-*	*-*	*640*
Minimum flow rate Q1 with measurement range R40V [MPE ±5%] (l/h)	*-*	*-*	*-*	*-*	*400*
Starting flow with measurement rangeR100 (l/h)	*10*	*15*	*20*	*20*	*25*
Starting flow with measurement range R160 (l/h)	*3,5*	*5*	*8*	*13*	*15*
Accuracy class	*2*				
Environmental class	*C (-25°C +55°C)*				
Pressure loss class ΔP (bar)	*0,63*				
Maximum permissible operating pressure MAP (bar)	*16*				
Dial display range min / max (m^3)	*0,0001 / 100.000*				
1) Length of the meter excluding fittings (mm)	*110-115*	*130*	*≥160*	*≥160*	*200*
Length of the meter, including fittings (mm)	*190-195*	*228*	*260*	*280*	*340*
2) Maximum height when the lid is open (mm)	*150*	*150*	*185*	*185*	*195*
3) Maximum height when the lid is closed (mm)	*83*	*83*	*103*	*103*	*105*
4) Maximum overall diameter (mm)	*80*	*80*	*100*	*100*	*110*
5) Distance between the pipe and the meter mounting surface (mm)	*24*	*24*	*34*	*34*	*42*
Weight including fitting kit (kg)	*0,850*	*1,100*	*1,750*	*2,000*	*3,54*
Weight excluding fittings (kg)	*0,690*	*0,860*	*1,280*	*1,330*	*2,5*



Head loss diagram



Typical error curve



The following options are available on request:

- ❑ Models with provision for or models complete with reed switch
- ❑ Models with provision for or models complete with static emitter
- ❑ Models fitted with radio module operating at 868 MHz with combined LoRaWAN and W-Mbus OMS protocols and an automatic switch, operating with NB-Iot MQTT protocol
- ❑ Models operating at 915Mhz LoRaWAN protocol

G2 misuratori S.r.l. -
Via San Martino, 38 – 14100 ASTI (AT) – ITALY
Tel. +39. 0141.721787– Fax +39.0141.702280
E-mail: info@g2misuratori.it
Http://www.g2misuratori.it

Filiale Centro-Sud
Via Fontanelle, 3 – 00020 RIOFREDDO
Città Metropolitana di Roma Capitale – ITALY
Tel. e Fax +39.0774.920216
E-mail: centrosud@g2misuratori.it

Made in ITALY

ISO 9001 - ISO 14001 - ISO 45001
UNI/PdR 125:2022

AQUA European Association of Smart Meter Manufacturers