



Made in ITALY

Mod. AFU-R80 / ACU-R80
DN 25 – 32 – 40



SFU PRESET RADIO MODULE

Mod. SFU-R80 / SCU-R80
DN 15 - 20

UNIV

- Single-jet meter, direct reading
- DRY dial for turbid and greatly calcareous waters (mod.SFU/SCU are fitted with 360° rotating dial for easy reading, and on request, available with or without lid, with or without glass wiping)
- Mod. SFU-R80, DN 15 – 20, temperature classes T30 and T50, measuring range R80
- Mod. SCU-R80, DN 15 – 20, temperature classes T70 and T90, measuring range R80
- Mod. AFU-R80, DN 25 – 32 – 40, temperature classes T30 and T50, measuring range R80
- Mod. ACU-R80, DN 25 – 32 – 40, temperature classes T70 and T90, measuring range R80
- U0-D0: straight pipe not required upstream or downstream the meter
- All models can be customised with a **serial number and its relevant barcode indelibly engraved on the dial**
- All models are **MID** approved according to the current European Directive (module B+D) and in compliance with the norms **EN 14154** and **OIML R49**, reaching an **R (Q₃/Q₁) ≤ 125**
- All models are certified for use with water for human consumption, according to the **D.M. 174** of 6/4/2004 in compliance with European Directive 98/83 CE (Drinking Water Directive)
- All models, on request, can be supplied pulsed output or **preset for remote reading: reed, M-Bus, LoraWan**

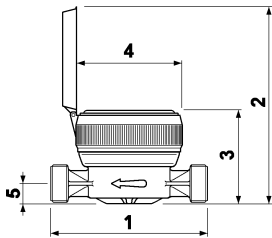
dry dial
temperature classes T30 & T50
SFU-R80 DN 15 / 20

AFU-R80 DN 25 / 32 / 40

dry dial
temperature classes T70 e T90
SCU-R80 DN 15 / 20

ACU-R80 DN 25 / 32 / 40

Different R available upon request (from R10 to R125)



Technical data- 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
Max. flow rate for short period Q_4 (m ³ /h)	3,125	5,0	7,875	12,5	20
Transitional flow rate Q_2 at measuring range R80 [MPE $\pm 2\%$]	50	80	126	200	320
Min flow rate Q_1 with measuring range R80 [MPE $\pm 5\%$] (l/h)	31,25	50	78,75	125	200
Starting flow at measuring range R80 (l/h)	6	11	20	20	25
Accuracy class	2	2	2	2	2
Pressure loss class ΔP (bar)	0,63	0,63	0,63	0,63	0,63
Max allowed working pressure MAP (bar)	16	16	16	16	16
Dial register from /to (m ³)	0,0001 / 100.000	0,0001 / 100.000	0,0001 / 100.000	0,0001 / 100.000	0,0001 / 100.000
1) Length without couplings (mm)	110-80 115-170	130	160	160	200
Length with couplings (mm)	190-160 195-250	228	260	280	340
2) Height with open lid (mm)	138	143	185	185	195
3) Height with closet lid (mm)	70	74	128	128	142
4) Max. diameter (mm)	72	72	100	100	110
5) Height of tube (mm)	16	19	34	34	42
Weight with couplings (kg)	0,660	0,840	1,850	2,150	3,540
Weight without couplings (mm)	0,500	0,600	1,380	1,440	2,500



Pulse emitting device reed type

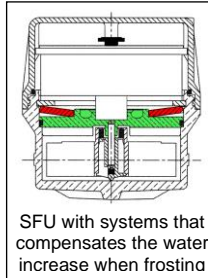
K: 0,25 0,5 1
2,5 5 10
25 50 100
250 500 1000



Wired M-Bus module
Mod. MBC (for SFU/SCU)

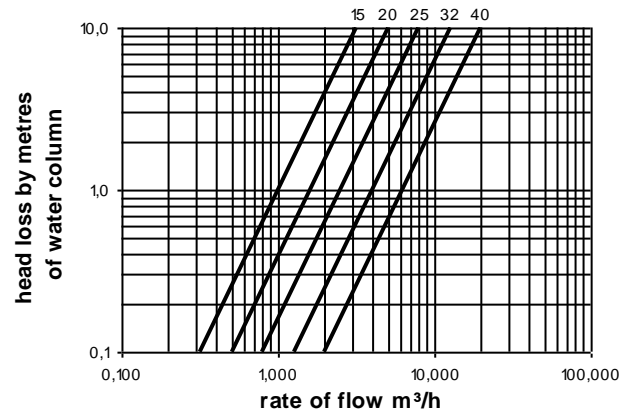


-Wireless M-Bus radio module (OMS)
Mod. WMBR (for SFU/SCU)
-LoraWan radio module Mod. B-it RML



SFU with systems that compensates the water increase when frosting

Head loss curve



The following options are available upon request:

- Mod. SFU 8 digit rolls (5 black and 3 red digits respectively for cubic meters and for litres)
- Mod. SFU with systems that compensates the water increase when frosting
- Mod. SFU Q_3 1,6 R80
- Red painted body
- Models preset or fitted with single or double reed
- SFU/SCU models can be pre-set or equipped with wired M-Bus module, wireless M-Bus radio module (OMS)
- AFU models can be connected to the M-Bus network by PULSE adaptor AI03 as option
- Models preset or fitted with static sensor

Continuous development of our products may necessitate changes in details without prior notice - 04/18

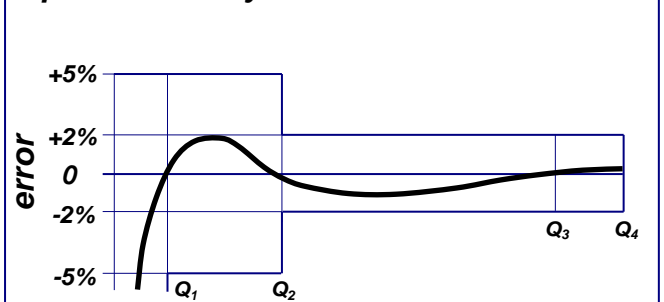


G2 misuratori S.r.l. -
Via San Martino, 38 – 14100 ASTI (AT) – ITALY
Tel. +39.0141.721787 – Fax +39.0141.702280
E-mail: info@g2misuratori.it
Http://www.g2misuratori.it



Branch office for Italy Centre Sud Area
Via Fontanelle, 3 – 00020 RIOFREDDO (RM) – ITALY
Tel. e Fax +39.0774.920216
E-mail: centrosud@g2misuratori.it

Typical accuracy curve



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =