



 Made in ITALY



- ❑ Mod. AFMS-PI-R160H, SUPER-DRY 360° rotating dial, measuring range R160H, environmental class C, for turbid and calcareous water, **preset K=1 for inductive sensor IPS**
- ❑ All models are **MID** approved according to the current European Directive (module B+D) and in compliance with the norms **EN 14154, ISO 4064 and OIML R49**, reaching an **R (Q₃/Q₁) ≤200H**
- ❑ Multi-jet turbine straight reading meter, temperature classes T30 and T50
- ❑ 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 certified for use with water for human consumption, according to the **D.M. 174** of 6/4/2004 in compliance with with European Directive 98/83 CE (Drinking Water Directive)
- ❑ All models, on request, can be supplied pulsed output **or preset for remote reading**

MULTI

MULTY



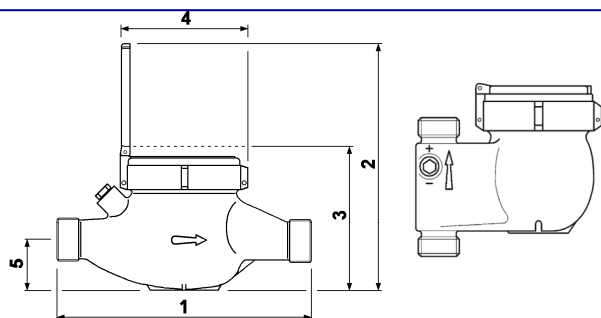
Dry dial model
Temperature
classes T30 & T50
AFMS-PI DN
15/20
R from R40H to
R200H
R from R40V to
R50V
to be specified
when ordering



Inductive sensor
IPS

Technical Data – DN in mm-inches

	15-1/2	20-3/4
Permanent Flow Rate Q_3 (m³/h)	2,5	4,0
Max. flow rate for short period Q_4 (m ³ /h)	3,125	5,0
Transitional flow rate Q_2 at measuring range R160H [MPE $\pm 2\%$] (l/h)	25	40
Min flow rate Q_1 with measuring range R160H [MPE $\pm 5\%$] (l/h)	15,63	25
Starting flow at measuring range R160H (l/h)	3	5
Accuracy class	2	2
Environmental Class	C(-25°C +55°C)	
Pressure loss class ΔP	0,63	0,63
Max allowed working pressure MAP (bar)	16	16
Dial register from/to (m ³)	0,0001/100.000	0,0001/100.000
1) Length without couplings (mm)	110-115-130 145-165-170 190	130-160-165 190
Length with couplings (mm)	190-195-210 225-245-250 270	260-265 290
2) Height with open lid (mm)	195	195
3) Height with closet lid (mm)	115	115
4) Max. diameter (mm)	96	96
5) Height of tube (mm)	35	35
Weight with couplings (kg)	1,650	1,800
Weight without couplings (kg)	1,500	1,550



The following options are available upon request:

- ☐ Non- return valve fitted on the outlet nipple
- ☐ Models without presetting
- ☐ Models with mineral glass
- ☐ Vertical riser body for vertical installation
- ☐ Models preset or fitted with single or double reed for pulse readout system
- ☐ Models fitted with static sensor
- ☐ Models fitted with radio module, frequency 868Mhz and combined LoRaWAN and W-Mbus OMS protocols with automatic switch. On request LoRaWAN protocol with 195mhz frequency available

Continuous development of our products may necessitate changes in details without prior notice– 10/19

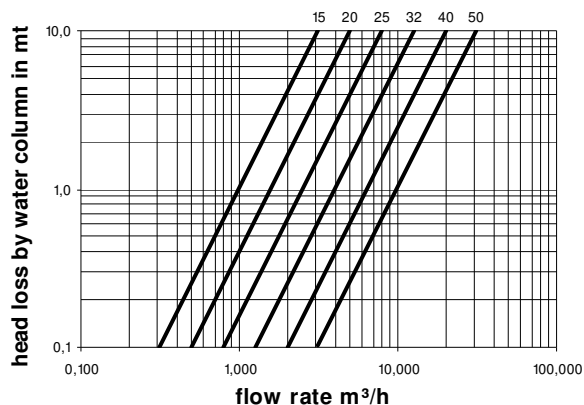


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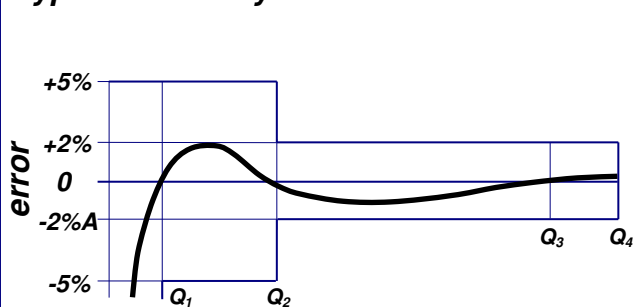
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Head loss curve



Typical accuracy curve



AZIENDA CON
SISTEMA DI GESTIONE
CERTIFICATO DA DNV
ISO 9001 • ISO 14001
ISO 45001