



Made in  
ITALY

# AVAILABILITY



- 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 (Q<sub>3</sub>/Q<sub>1</sub>) ≤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 European Directive 98/83 CE (Drinking Water Directive)
- All models, on request, can be supplied pulsed output **or preset for remote reading**

# MULTY

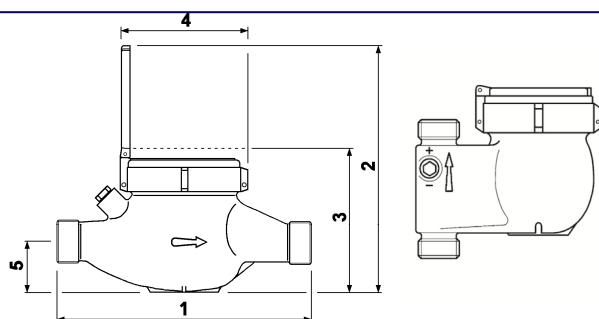


**Dry dial model**  
**Temperature**  
**classes T30 & T50**  
**AFMS-PI DN**  
**15/20**  
**R from R40H to**  
**R200H**  
**R from R40V to**  
**R50V**  
**to be specified**  
**when ordering**



**Inductive sensor**  
**IPS**

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



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

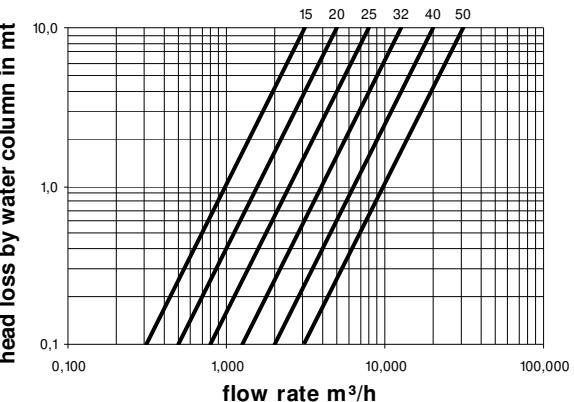


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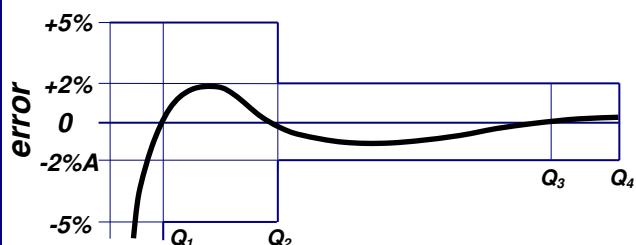


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## Head loss curve



## Typical accuracy curve



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