

**SINGLE-JET VOLUMETRIC METERS WITH PULSE TRANSMITTER**

**KUF ...- KUC ...**

**APPLICATION**

- Volumetric turbine meter with multiple jet for use in combination with IEB ... and IET ... integrators for metering thermal and refrigeration energy or for metering consumption of hot or cold water.



**Features**

- PN 16. Includes male threaded unions.
- Mounting: Horizontal in Class B, Vertical in Classe A.
- Includes reed pulse transmitter; Connection cable 2 x 0.5 mm<sup>2</sup> x 2 m; Protection: IP 68.

Code	DN	Length. ( <sup>1</sup> ) mm.	Qp m <sup>3</sup> /h	Qs m <sup>3</sup> /h	Qt lt./h	Qi lt./h	Kvs m <sup>3</sup> /h	Δp Qp kPa	Pulse transmitters			Tmax	Data Sheet
									l/pul	pul/l	pul/m <sub>3</sub>		
<b>KUF 15D</b>	1/2"	110	2.0	3	40	25	3	24	10	0,1	100	30 °C	H 611
<b>KUF 20D</b>	3/4"	130	4.0	5	64	40	6	17	10	0,1	100	30°C	H 611
<b>KUF 25C</b>	1"	160	6.3	7	100,8	63	7	25	100	0,01	10	30°C	H 611
<b>KUC 15D</b>	1/2"	110	2.5	3	40	25	3	24	10	0,1	100	90°C	H 611
<b>KUC 20D</b>	3/4"	130	4.0	5	64	40	6	17	10	0,1	100	90°C	H 611

(1) – Length flange to flange.

(2) – Approved for cold water (EEC 75/33).

(3) – Approved for hot water (EEC 79/830)

Qn – Nominal flow: Maximum continuous flow measurable by the meter.

Qmax – Maximum temporary flow bearable by the meter.

Qt – Transition flow: minimum limit with error less than ±2%.

Qmin – Minimum flow limit: minimum limit with error less than ±5%.

Kvs – Flow coefficient: Flow in m<sup>3</sup>/h with pressure drop of 100 kPa = 10 mWG = 1 bar.

Δp Qn – Pressure drop at nominal flow Qn.

**FOR APPLICATION ON DISTRICT HEATING SITES,  
THE USE OF MECHANICAL VOLUMETRIC METERS IS NOT RECOMENDED**