VOLUMETRIC METERS WITH PULSE TRANSMITTERS

Measure the quantity of water in circulation in the plant. Complete with pulse transmitters with reed contact.
Connected to electronic integrators permit energy metering.
They must be installed on the return pipe with, upstream, a fi lter for collecting impurities.
Their size must be in relation to the nominal fl ow Qn and not according to the diameter of the pipework.
Manufactured in accordance with current regulations..

VOLUMETRIC TURBINE METERS WITH MULTIPLE JETS AND PULSE TRANSMITTER

KMF...

APPLICATION

Volumetric turbine meter with multiple jet for use in combination with IEB ... and IET ... integrators for metering thermal and/or cooling energy or for metering consumption of hot or cold water.
• KMF directive MID : MI 001

Note: KMS meter series Uxxx and KMS meter series Dxxx are not verifiable MID

Features

TECHNICAL DATA

• PN 16. Includes male threaded unions; KMF 50CF, KMS 50CF are fl anged.
• KMS ..., KMS U..., KMS D... are approved for class A; KMF approved for cold water (CEE 75/33)
• Other non-specifi ed meters have not been offi cially approved
• Includes reed pulse transmitter, Connection cable 2 x 0.5 mm 2 x 2 m, Protection : IP68.

Code	DN	Length . (1) mm.	Qp m³/h	Qs m³/h	Qt lt./h	Qi lt./h	Kvs m³/h	Δp Qp kPa	Pulse transmitters			Notes	Tmax	Data Sheet
									pul/l	pul/ m³	l/pul			
KMF 15D	1/2"	165	1,5	3	120	30	4,5	10,5	0,1	100	10	–	30° horizz.	H 621
KMF 20D	3/4"	190	2,5	5	200	50	6,7	14,5	0,1	100	10	–	30° horizz.	H 621
KMF 25C	1"	260	3,5	7	280	70	7,2	23	0,01	10	100	–	30° horizz.	H 621
KMF 32C	1"1/4	260	5	12	400	100	12,8	24	0,01	10	100	–	30° horizz.	H 621
KMF 40C	1"1/2	300	10	20	800	200	22	21	0,01	10	100	–	30° horizz.	H 621
KMF 50C	2"	300	15	30	3.000	450	30,5	22	0,01	10	100	–	30° horizz.	H 621

(1) - Length without unions.
(2) - PN 16 flanged connections.
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 ±3%.
Qmin - Minimum flow limit: minimum limit with error less than ±5%.
Kvs - Flow coefficient: Flow in m³/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