

S110 SURFACE MOUNTED METER PICOFLUX

Connectable – with 'Flex Plus' register

- Single jet dry dial meter EF
- Novel 'Flex Plus' register with inductive communication interface
- Cold water up to 30 °C, hot water up to 90 °C
- Nominal flow Q_3 2.5 and 4
- Meter length 80, 110, 130 mm



EU-type examination certification
DE-11-MI001-PTB009

TECHNICAL DATA

METER TYPE			EF			
Meter size / Continuous flow rate	Q_3	m ³ /h	2.5	2.5	2.5	4
acc. to previous nominal size	Q_n	m ³ /h	1.5			2.5
Nominal size	DN	mm	15		20	
	DN	inches	1/2		3/4	
Meter length		mm	80	110	110	130
Meter connection thread		m ³ /h	G 3/4 B	G 3/4 B	G 1 B	G 1 B

PERFORMANCE CHARACTERISTICS

Overload flow rate	Q_4	m ³ /h	3.125		5
Transitional flow rate	Q_2	l/h	100		160
Minimum flow rate	Q_1	l/h	62.5		100
Starting flow		l/h	8	7	10
Measuring range (MID)	Q_3/Q_1	H/V	R 40		
Continuous flow rate	Q_3	l/h	2,500		4,000
Temperature class	MAT	°C	30; 30/90		
Pressure rating	MAP	bar	16		
Flow capacity at 1 bar pressure loss		m ³ /h	3.3		5.2
Environmental class			M1; B		
Min. straight length of inlet/outlet pipe			U0/D0		
Climatic ambient conditions		°C	5 to 70		
Protection class		IP	54		
Accuracy class cold water			±2%/±5%		
Accuracy class hot water			±3%/±5%		
Magnetic protection			EN 14154-3		

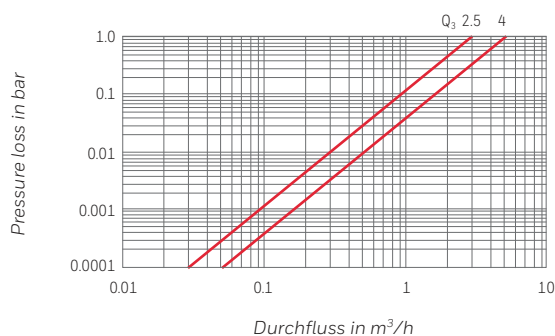
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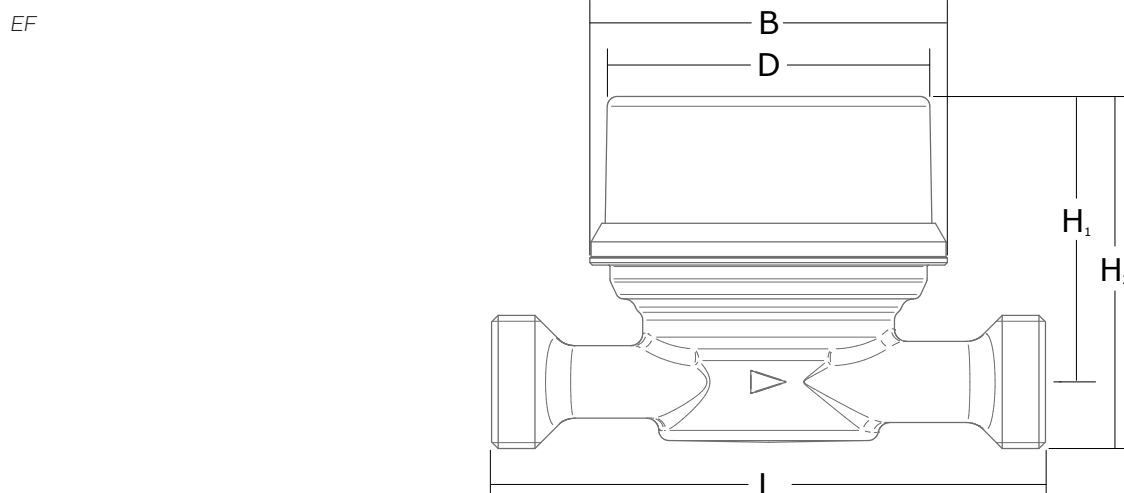
TECHNICAL DATA

DIMENSIONS					
METER TYPE			EF		
Meter size / continuous flow rate	Q_3	m^3/h	2.5	2.5	2.5
acc. to previous nominal size	Q_n	m^3/h	1.5		2.5
Meter connection thread		m^3/h	G 3/4 B	G 3/4 B	G 1 B
L Length		mm	80	110	110
B Width		mm	71		
D Diameter register cap		mm	64		
H ₁ Centerline height		mm	57.5		
H ₂ Overall height		mm	71		
Weight		kg	0.3		
RETROFITTABLE FUNCTION MODULES			MANUFACTURER		
M-Bus/Pulse			Elster		
Radio			Müller Electronic µflow-skyE/µflow-omsE		
			Qundis		
			Sontex Supercom 582		

Pressure loss curve



Dimensional drawing



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REACH statement:

According to §33 of Regulation (EC) No. 1907/2006 (REACH), we point out that the meters of this series contain components of the material brass into which the alloying element lead (CAS: 7439921; EINECS: 2311004;) is present in a concentration of more than 0.1%.

Note: The brass alloys of wetted parts are listed in the 4MS Common Composition list of metallic materials suitable for use with potable water

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Contents subject to change without notice

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