

## S110 Surface mounted meter PICOFLUX

Connectable –  
with 'Flex Plus' register

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



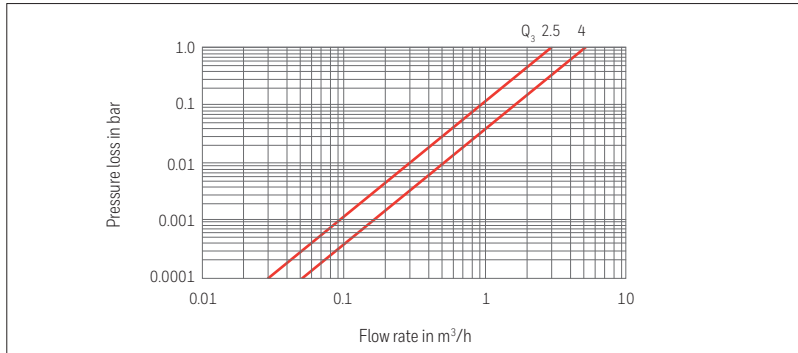
EU-type examination certificate  
DE-11-MI001-PTB009

Meter type	EF					
Meter size / Continuous flow rate	$Q_3$	m <sup>3</sup> /h	2.5	2.5	2.5	4
acc. to previous nominal size	$Q_n$	m <sup>3</sup> /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		inches	G 3/4 B	G 3/4 B	G 1 B	G 1 B

### Performance characteristics

Overload flow rate	$Q_4$	m <sup>3</sup> /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 load	$Q_3$	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 <sup>3</sup> /h	3.3			5.2
Mechanical class			M1			
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			

# S110 Surface mounted meter PICOFLUX Technical Data



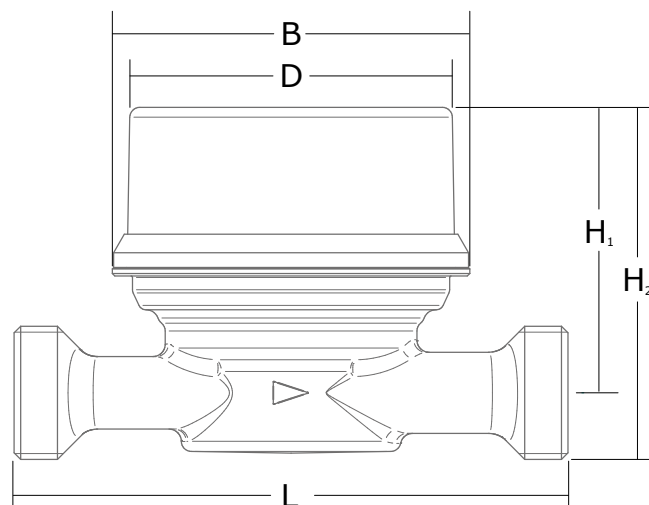
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Dimensions					
Meter connection thread	inches	G 3/4 B	G 3/4 B	G 1 B	G 1 B
L Length	mm	80	110	110	130
B Width	mm	71			
D Diameter register cap	mm	64			
H <sub>1</sub> Centerline height	mm	57.5			
H <sub>2</sub> Overall height	mm	71			
Weight	kg	0.3			

Retrofittable function modules	Manufacturer
M-Bus/Pulse	Elster
Radio	Müller Electronic µflow-skyE/µflow-omsE
	Qundis
	Sontex Supercom 582

## Dimensional drawing

EF



For further information visit:  
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S100 D 02.21e / 03.17  
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