

## S100 Surface mounted meter PICOFLUX

The well-proven classic –  
with integrated pulse output

- Single jet dry dial meter EVZP
- Cold water up to 30 °C, hot water up to 90 °C
- Nominal flow  $Q_n$  1.5 and  $Q_n$  2.5
- Meter length 80, 110, 130 mm
- Integrated potential-free pulse output



**Approval**  
Cold water up to 30 °C

D 92  
6.131.92

**Approval**  
Hot water up to 90 °C

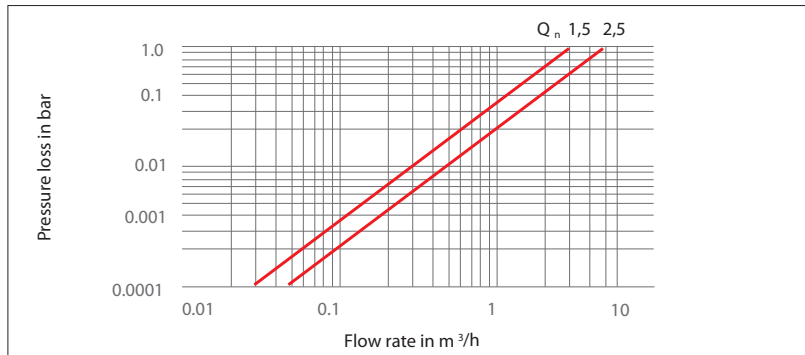
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Meter type	EVZP					
Meter size	$Q_n$	m <sup>3</sup> /h	1.5	1.5	1.5	2.5
Nominal size	DN	mm	15		20	
		inches	1/2		3/4	
Meter length		mm	80	110	110	130
Meter connection thread		inches	G 3/4 B	G 3/4 B	G 1 B	G 1 B

### Performance characteristics

Overload flow rate	$Q_{max}$	m <sup>3</sup> /h	3	3	3	5
Transitional flow rate	$Q_t$	l/h	150	150	150	160
Minimum flow rate	$Q_{min}$	l/h	60	60	60	100
Starting flow		l/h	8	7	7	10
Initial calibration class			A			
Continuous flow rate	$Q_n$	l/h	1.500	1.500	1.500	2.500
Temperature class		°C	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			
Inlet / outlet			UO/D0			
Climatic ambient conditions		°C	5 up to 70			
Protection class		IP	54			
Accuracy class cold water			±2%/±5%			
Accuracy class hot water			±3%/±5%			
Magnetic protection			EN 14154-3			

# S100 Surface mounted meter PICOFLUX Technical Data



Meter type	EVZP					
Meter size	Q <sub>n</sub>	m <sup>3</sup> /h	1.5	1.5	1.5	2.5

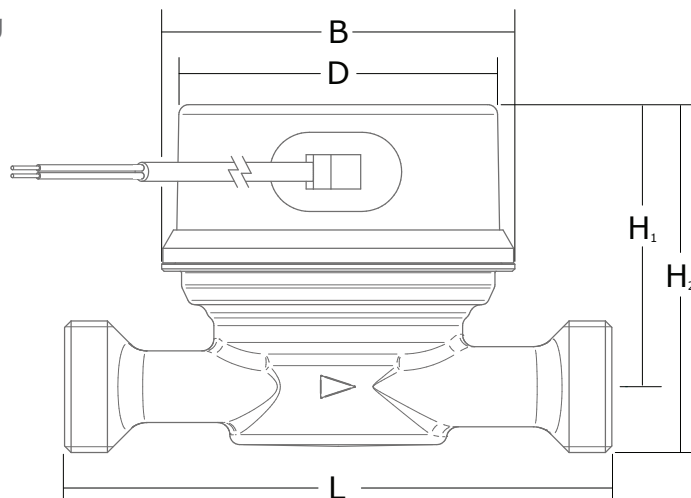
Dimensions					
Meter connection thread	inches	1/2	1/2	3/4	3/4
L Length	mm	80	110	110	130
B Width	mm	71	71	71	71
D Diameter register cap	mm	64	64	64	64
H <sub>1</sub> Centerline height	mm	57.5	57.5	57.5	57.5
H <sub>2</sub> Overall height	mm	73	73	72	72
Weight	kg	0.40	0.45	0.45	0.55

## Integrated pulse output

Pulse value	100 l/Imp.
Sensor	Reed switch, potential-free, closing contact
Connection	Fixed wire, exit at the side, 1.5 m
Contact load	max. 30 V DC, 50 mA, max. 5 W
Closing time	< 1 ms
Drop out time	< 0.3 ms
Closing frequency	max. 400 Hz

## Dimensional drawing

EVZP



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