TEKSAN

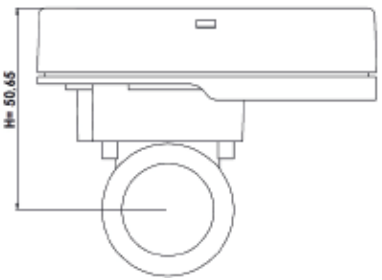
UH

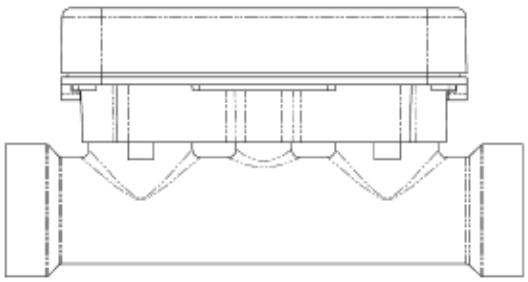
- Ultrasonic heat meter
- No moving parts allows accurate measurement over the entire product life
- Low pressure drop
- No metering of air
- Air and leak detection
- Any position installation
- Instantaneous flow rate indicator
- Battery alarm
- Back flow detection
- High and low temperature alarm

Technical Specification

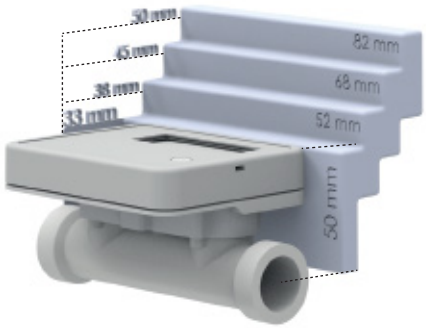
Nominal diameter	DN	mm	15	20	25	32	40
Nominal flow rate	Q_p	m³/h	1,5/1/0,6	2,5/1,5	3,5	6	10
Maximum flow rate	Q_s	m³/h	3/2/1,7	5/3	7	12	20
Minimum flow rate	Q_i	l/h	15/10/6	25/15	35	60	100
Temperature range	°C		5-95	5-95	5-95	5-95	5-95
Max. ambient operating temperature	°C		55°C	55°C	55°C	55°C	55°C
Nominal pressure	PN	bar	16	16	16	16	16
Mounting position			H+V	H+V	H+V	H+V	H+V
Measuring range (q_s/q_i)			Class 2	Class 2	Class 2	Class 2	Class 2
Pressure loss at q_p	$\triangle P$	bar	0,25	0,25	0,25	0,25	0,25
Temperature sensor type			Pt1000/2-wire	Pt1000/2-wire	Pt1000/2-wire	Pt1000/2-wire	Pt1000/2-wire
Max. temperature difference	$\triangle\Theta$	K	90	90	90	90	90
Min. temperature difference	$\triangle\Theta$	K	3	3	3	3	3
Absolute temperature measurement range	Θ	°C	5..95	5..95	5..95	5..95	5..95
Connection thread of meter		Inch	G3/4B	G1B	G1 1/4B	G1 1/2B	G2B
Connection thread of coupling		Inch	1/2B	G3/4B	G1B	G1 1/4B	G1 1/2B
Overall length	L	mm	110	130/190	160	180	200
Height of centerline (low)	H	mm	20	20	25	30	35
Height of centerline (high)	H_1	mm	50	50	55	60	60
Width	B	mm	85	85	85	85	85

Dimensions





Size compared to its competitors



Error Curve