

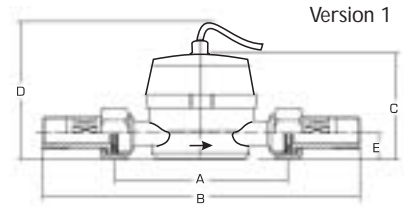
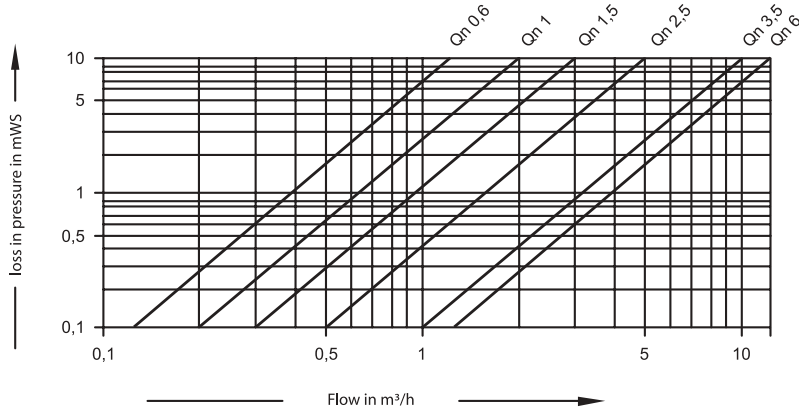
Flowmeter V40



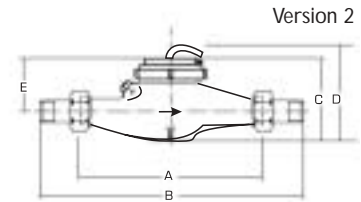
The RESOL V40 is a measuring instrument with contacter for recording of water flow or water-glycol-mixtures. It is ready for use in the RESOL calorimeters.

After flow of a specific volume, the V40 sends an impulse to the calorimeter. The used heat amount is calculated by these impulses, the temperature difference and pre-defined parameters (glycol type, concentration, heat capacity etc.)

The V40 is available for different connection diameters and different nominal flow amounts. They differ in layout, but have the same functions. Delivery including connection screw.



Irradiation impeller DN20	0,6; 1,5 m³/h	2,5 m³/h
A mounting length without screwing	110 mm	130 mm
B mounting with screwing	205 mm	225 mm
C counter height	75 mm	
D counter height with impulse signal	100 mm	
E counter height up to tube-mid	21mm	
counter width	80 mm	
weight with screwing	1 kg	
weight without screwing	0,7 kg	
vertical and horizontal mounting is possible		



Multiple irradiation impeller DN25/DN32	3,5 m³/h	6,0 m³/h
A mounting length without screwing	260 mm	
B mounting with screwing	375 mm	
C counter height	117 mm	118 mm
D counter height with impulse signal	137 mm	138 mm
E counter height up to tube-mid	74 mm	
counter width	103 mm	
weight with screwing	3,5 kg	3,8 kg
weight without screwing	2,9 kg	3 kg
horizontal mounting is possible		

Note:

Version 1 is appropriated for horizontal as well as for vertical mounting.
Version 2 is only for horizontal mounting.

Price bracket - A

Type		V40-06	V40-15	V40-25	V40-35	V40-60
Version		1	1	1	2	2
Article-no.:		280 011 00	280 011 10	280 011 20	280 011 30	280 011 40
Impulse rate	l/Imp	1	10	25	25	25
Nominal width	DN	20	20	20	25	32
Connection thread at the counter	Zoll	1	1	1	1 1/4	1 1/4
Connection thread of the screwing	Zoll	3/4	3/4	3/4	1	1
max. operat. pressure p_{max}	bar	16	16	16	16	16
max. operat. temp. T_{max}	°C	110	110	110	110	110
nominal flow Q_n	m³/h	0,6	1,5	2,5	3,5	6
largest flow Q_{max}	m³/h	1,2	3	5	7	12
insulation limit $\pm 3\%$ Q_t	l/h	48	120	200	280	480
smallest flow Q_{min}	l/h	12	30	50	70	120