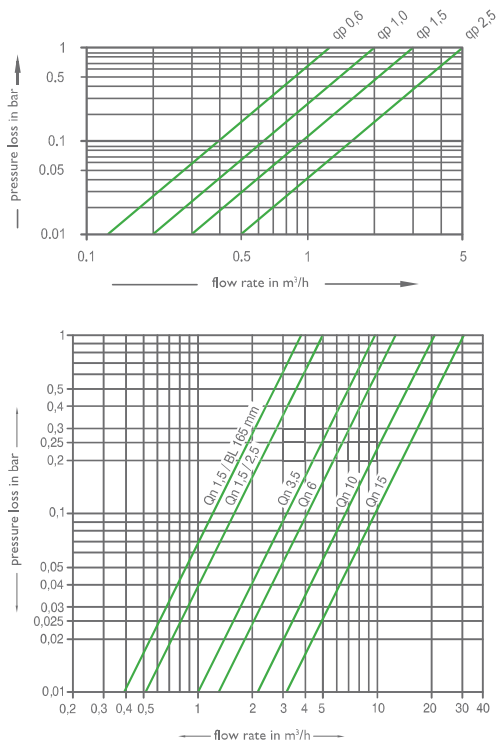


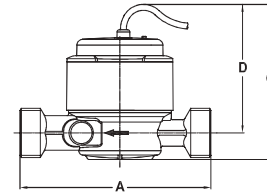
V40 Flowmeter



The RESOL V40 is a measuring instrument with a contactor for detecting the flow of water or water-glycol-mixtures and is used with the RESOL energy metering module. It is ready for use in the RESOL energy metering modules. After a specific volume has passed, the V40 reed switch sends an impulse to the energy metering module. The heat quantity used is calculated by these impulses, the temperature difference and pre-defined parameters (glycol type, concentration, heat capacity etc.). Delivery includes connecting fitting.

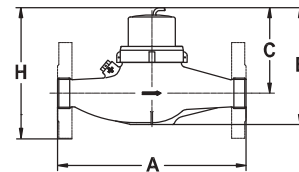


Version 1



Irradiation impeller DN20	0.6; 1.5 m ³ /h	2.5 m ³ /h
A mounting length without fitting	110 mm	130 mm
mounting with fitting	209 mm	228 mm
C height with pulser	108 mm	
D height at centre of pipe	90 mm	
counter width	72 mm	
weight without fitting	0.6 kg	0.7 kg
vertical and horizontal mounting is possible		

Version 2



Irradiation impeller DN25/DN32	3.5 m ³ /h	6.0 m ³ /h	10 m ³ /h	15 m ³ /h
A mounting length without fitting	260 mm	300 mm		
B total height	159 mm	185 mm	199 mm	
C height at centre of pipe	116 mm	139 mm	142 mm	
H height with flange	168 mm	208 mm	220 mm	
weight with fitting	3.2 kg	3.5 kg	6.4 kg	7.4 kg
weight without fitting	2.7 kg	2.8 kg	5.3 kg	5.8 kg
horizontal mounting is possible				

Note:

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

Typ		V40-06	V40-15	V40-25	V40-35	V40-60	V40-100	V40-150
Version		1	1	1	2	2	2	2
Impulse rate	I/Imp		0	25	25	25	25	25
Nominal width	DN	20	20	20	25	32	40	50
Connection thread at the counter	"				1 ¼	1 ¼	2	2 ¾
Connection thread of the fitting	"	¾	¾	¾			1 ½	2
Max. operat. pressure	P _{max} bar	6	6	6	6	6	6	6
Max. operat. temperature	T _{max} °C	120	120	120	30	30	30	30
Nominal flow	Q ⁿ m ³ /h	0.6	1.5	2.5	3.5	6	0	5
Maximum flow	Q _{max} m ³ /h	1.2	3	5	7	12	20	30
Insulation limit ± 3%	Q ^t l/h	48	120	200	280	480	800	1200
Minimum flow horizontal	Q _{min} l/h	12	30	50	70	120	200	300
Minimum flow vertical	Q _{min} l/h	21	60	00	-	-	-	-
Art. no.		280 011 00	280 011 10	280 011 20	280 013 60	280 013 70	280 013 80	280 013 90