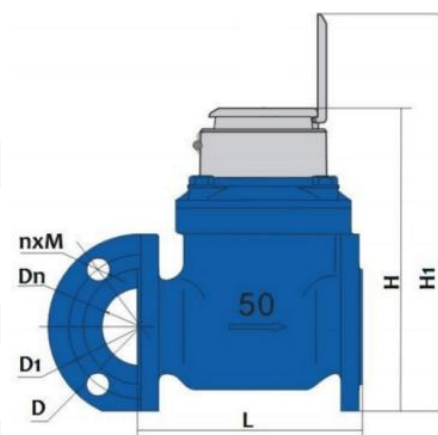


WP-SDC Removable Element Woltman Water Meter

General

- Work pressure up to 16 bar (nominal pressure)
- Any installation position
- Flange connection acc. to DIN 2501 and DIN 2533,ANSI
- Overall length acc. to DIN 19625 and DIN ISO 4064
- Dry dial with optimal readable counter
- Available for optical reading • 360° rotating lid
- Wear-resistant plastic bearings
- Integrated measuring outputs as a standard
- Sensors for forward and backwards reading
- Cast iron with inside and outside epoxy coating for protecting the corrosion



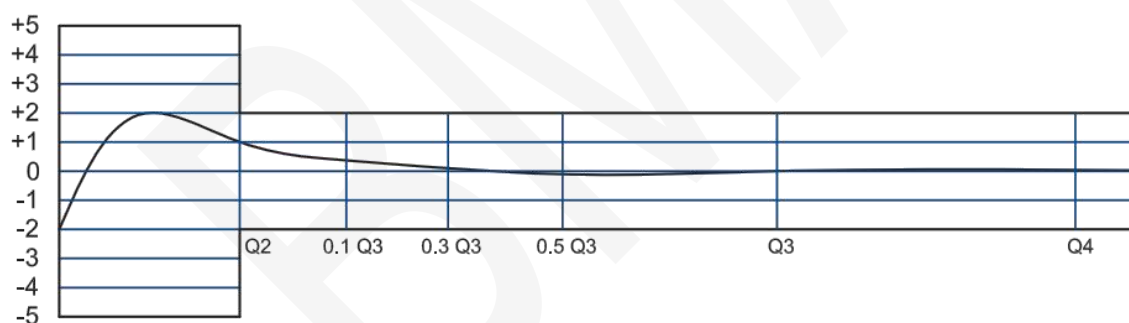
Dimension and Technical Data

Dn		40	50	65	80	100	125	150	200	250	300
L	mm	200	200	200	225	250	250	300	350	450	500
H	mm	203	209	218	249	258	271	316	345	445	475
H1	mm	214	220	229	260	269	282	327	356	456	486
D	mm	150	165	185	200	220	250	280	340	405	450
D1	mm	110	125	145	160	180	210	240	295	355	410
nxM		4xM16	4xM16	4xM16	8xM16	8xM16	8xM16	8xM20	12xM20	12xM22	12xM22
R=Q3/Q1		R160	R200							R80	
Q4	M3/h	31.25	50	78.75	125	200	200	312.5	500	787.5	1250
Q3	M3/h	25	40	63	100	160	160	250	400	630	1000
Q2	M3/h	0.2	0.32	0.5	0.8	1.28	1.28	2	3.2	12.6	20
Q1	M3/h	0.15625	0.2	0.32	0.5	0.8	0.8	1.25	2	7.88	12.5
Max Reading	M3	9999999.999							99999999.99		
Min Reading	M3	0.001							0.01		
Pressure Loss	ΔP	ΔP25	ΔP25	ΔP40	ΔP25	ΔP40	ΔP40	ΔP16	ΔP40	ΔP40	ΔP40
Max Pressure	MAP	MAP16									
Max Temperature	℃	90									

Dn		40	50	65	80	100	125	150	200	250	300
L	mm	200	200	200	225	250	250	300	350	450	500
H	mm	203	209	218	249	258	271	316	345	445	475
H1	mm	214	220	229	260	269	282	327	356	456	486
D	mm	150	165	185	200	220	250	280	340	405	450
D1	mm	98.5	120.5	139.5	152.5	190.5	216.5	241.5	298.5	362.5	432
nxM		4xM14	4xM16	4xM16	4xM16	8xM16	8xM20	8xM20	8xM20	12xM22	12xM22
R=Q3/Q1		R160	R200							R80	
Q4	M3/h	31.25	50	78.75	125	200	200	312.5	500	787.5	1250
Q3	M3/h	25	40	63	100	160	160	250	400	630	1000
Q2	M3/h	0.2	0.32	0.5	0.8	1.28	1.28	2	3.2	12.6	20
Q1	M3/h	0.15625	0.2	0.32	0.5	0.8	0.8	1.25	2	7.88	12.5
Max Reading	M3	9999999.999							99999999.99		
Min Reading	M3	0.001							0.01		
Pressure Loss	ΔP	$\Delta P25$	$\Delta P25$	$\Delta P40$	$\Delta P25$	$\Delta P40$	$\Delta P40$	$\Delta P16$	$\Delta P40$	$\Delta P40$	$\Delta P40$
Max Pressure	MAP	MAP16									
Max Temperature	$^{\circ}\text{C}$	90									

Remark: ANSI standard

Error curve



Pressure loss curve

