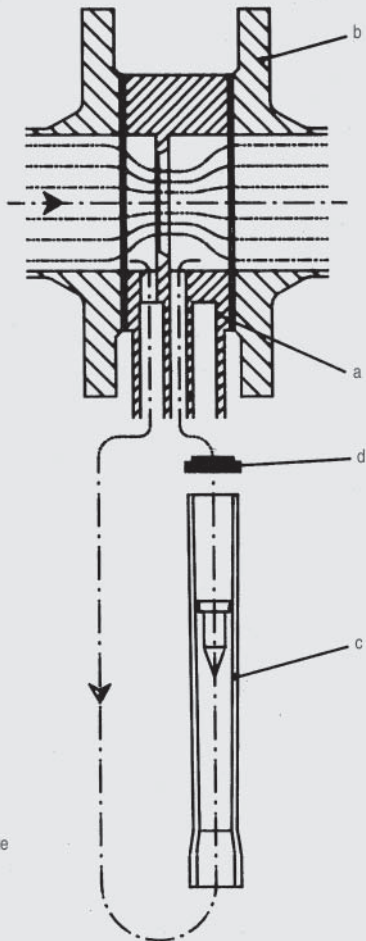




- a Differential pressure sensor with orifice plate
- b Pipe flange
- c Rotameter
- d Bypass orifice

Measuring ranges (liquids)								
Nominal diameter		Measuring range (input pressure ≥ 0.5 bar / 7.25 psi)		Pressure consumption		Diameter ratio	Weight	
DN	(inch)	m ³ /h	(USgpm)	Δp mbar	(psi)	β	kg	(lb)
40	(1½)	1.2 to 6	(5.28 to 26.4)	335	(4.86)	0.48	1.5	(3.31)
		2 to 10	(8.8 to 44)	275	(3.99)	0.60		
		3.2 to 16	(14.1 to 70)	200	(2.90)	0.73		
50	(2)	2 to 10	(8.8 to 44)	330	(4.79)	0.49	1.6	(3.53)
		3 to 15	(13.2 to 66)	280	(4.06)	0.59		
		5 to 25	(22 to 110)	200	(2.90)	0.73		
65	(2½)	3.2 to 16	(14.1 to 70)	330	(4.79)	0.48	1.8	(3.97)
		6 to 30	(26.4 to 132)	250	(3.63)	0.64		
		8 to 40	(35 to 176)	210	(3.05)	0.72		
80	(3)	5 to 25	(22 to 110)	330	(4.79)	0.49	1.9	(4.19)
		10 to 50	(44 to 220)	240	(3.48)	0.66		
		13 to 65	(57 to 286)	200	(2.90)	0.74		
100	(4)	10 to 50	(44 to 220)	300	(4.35)	0.55	2.0	(4.41)
		16 to 80	(70 to 352)	235	(3.41)	0.67		
		20 to 100	(88 to 440)	200	(2.90)	0.73		
125	(5)	13 to 65	(57 to 286)	325	(4.71)	0.50	2.3	(5.07)
		24 to 120	(106 to 528)	245	(3.55)	0.66		
		32 to 160	(141 to 704)	200	(2.90)	0.74		
150	(6)	20 to 100	(88 to 440)	315	(4.57)	0.52	2.5	(5.51)
		32 to 160	(141 to 704)	245	(3.55)	0.64		
		50 to 250	(220 to 1100)	180	(2.61)	0.76		
200	(8)	34 to 170	(150 to 749)	320	(4.64)	0.51	3.1	(6.83)
		60 to 300	(264 to 1321)	250	(3.63)	0.65		
		80 to 400	(352 to 1761)	200	(2.90)	0.73		
250	(10)	50 to 250	(220 to 1100)	250	(3.63)	0.50	3.5	(7.72)
		80 to 400	(352 to 1761)	270	(3.92)	0.61		
		130 to 650	(572 to 2862)	195	(2.83)	0.74		
300	(12)	80 to 400	(352 to 1761)	315	(4.57)	0.52	4.1	(9.04)
		120 to 600	(528 to 2642)	265	(3.84)	0.62		
		200 to 1000	(881 to 4403)	180	(2.61)	0.76		
350	(14)	100 to 500	(440 to 2202)	325	(4.71)	0.50	5.1	(11.24)
		200 to 1000	(881 to 4403)	235	(3.41)	0.67		
		270 to 1300	(1189 to 5724)	190	(2.76)	0.75		
400	(16)	140 to 700	(616 to 3082)	320	(4.64)	0.51	5.8	(12.79)
		240 to 1200	(1057 to 5284)	250	(3.63)	0.65		
		320 to 1600	(1409 to 7045)	200	(2.90)	0.73		

Standard measuring ranges for liquid (p = 1 kg/l (62.43 lb/cu.ft), viscosity 1 mPa·s (1 cp))