

Type	Part No.	Diameter	Nominal flow	Description
	50MK10-08	1/4"	0 - 11 ml/min	Model 50MK10 Stainless steel body with integrated stainless steel capillary tubes fixed inside the body with an Epoxy filling. Process and differential pressure connections are threads with 1/4" NPTF Differential pressure at nominal flow: 0 - 20 mbar, Operation limits: 0 - 70°C, 0.4 - 10 bar abs
	50MK10-07	1/4"	0 - 36 ml/min	
	50MK10-06	1/4"	0 - 70 ml/min	
	50MK10-05	1/4"	0 - 140 ml/min	
	50MK10-04	1/4"	0 - 260 ml/min	
	50MK10-03	1/4"	0 - 460 ml/min	
	50MK10-02	1/4"	0 - 840 ml/min	
50MK10-01	1/4"	0 - 2600 ml/min		
	50MJ10-14	1/2"	0 - 2.8 l/min	Model 50MJ10 Stainless steel body with integrated stainless steel matrix. Differential pressure connections are 1/4" NPTF, Process connections are threads with NPTF. Differential pressure at nominal flow: 0 - 20 mbar, Operation limits: 0 - 70°C, 0.4 - 10 bar abs
	50MJ10-13	1/2"	0 - 5.0 l/min	
	50MJ10-12	1/2"	0 - 11 l/min	
	50MJ10-11	1/2"	0 - 20 l/min	
	50MJ10-10	1/2"	0 - 45 l/min	
	50MJ10-09	3/4"	0 - 85 l/min	
	50MW20-01	1"	0 - 210 l/min	Model 50MW20 Stainless steel body with integrated stainless steel matrix. Differential pressure connections are 1/4" NPTF, Process connections are threads with NPTF. Differential pressure at nominal flow: 0 - 20 mbar, Operation limits: 0 - 70°C / 0.4 - 10 bar abs
	50MW20-01.5	1 1/2"	0 - 620 l/min	
	50MW20-02	2"	0 - 1130 l/min	
	50MH10-01	1"	0 - 210 l/min	Model 50MH10 Stainless steel body with integrated stainless steel matrix. Differential pressure connections are 1/4" NPTF, Process connections are plunt tube ends. Differential pressure at nominal flow: 0 - 20 mbar, Operation limits: 0 - 70°C, 0.4 - 6 bar abs
	50MH10-01.25	1 1/4"	0 - 450 l/min	
	50MH10-01.5	1 1/2"	0 - 650 l/min	
	50MH10-02	2"	0 - 1100 l/min	
	50MH10-03	3"	0 - 2550 l/min	
	50MH10-04	4"	0 - 4500 l/min	
	50MH10-05	5"	0 - 7100 l/min	
	50MH10-06	6"	0 - 10200 l/min	
	50MH10-08	8"	0 - 18100 l/min	
	50MH10-10	10"	0 - 28300 l/min	
	50MH10-12	12"	0 - 40800 l/min	
	50MH10-16	16"	0 - 63700 l/min	
		50MY15-02.5	2 1/2"	
50MY15-03		3"	0 - 2550 l/min	
50MY15-04		4"	0 - 4500 l/min	
50MY15-05		5"	0 - 7100 l/min	
50MY15-06		6"	0 - 10200 l/min	
50MY15-08		8"	0 - 18100 l/min	
50MY15-10		10"	0 - 28300 l/min	
50MY15-12		12"	0 - 40800 l/min	
50MY15-16		16"	0 - 63700 l/min	
	50MC02-02	2"	0 - 2800 l/min	Model 50MC02 Aluminium body with integrated stainless steel matrix. Differential pressure connections are 1/4" NPTF, Process connections are plunt tube ends. Differential pressure at nominal flow: 0 - 20 mbar, Operation limits: 0 - 50°C, 0.6 - 1.4 bar abs
	50MC02-04	4"	0 - 11300 l/min	
	50MC02-06	6"	0 - 28300 l/min	
	50MC02-08	8"	0 - 63700 l/min	
	50MC02-XX-F ...	Version with filter element		
	50MR02-02	2"	0 - 2800 l/min	Model 50MR02 Aluminium body with integrated stainless steel matrix. Differential pressure connections are 1/4" NPTF, Process connections are flanges acc. ANSI 150 lbs. Differential pressure at nominal flow: 0 - 20 mbar, Operation limits: 0 - 50°C, 0.6 - 1.4 bar abs
	50MR02-04	4"	0 - 11300 l/min	
	50MR02-06	6"	0 - 28300 l/min	
	50MR02-08	8"	0 - 63700 l/min	
	50MR02-XX-F ...	Version with filter element		

The table shows nominal flows corresponding to air at calibration conditions (1013.25 mbar abs., 21.11 °C, 0 % r.H.). Through tolerances by production of the flow matrix the nominal flow corresponding to the differential pressure can be vary with +/-10 %. Therefore the LFEs are always delivered with a calibration certificate, in which exact measuring and operation range are documented.

Application and calibration of the LFEs are not only for laminar flow with air, furthermore are also applications at turbulent clean gases possible. Therefore the LFE is a universal measuring element for all purposes with a large mass flow range.