

OIL FLOW METERS VZF II 15-50

VZF II Flow and Mass Fuel Meter - (replaces VZF)



	CODE
VZF II-15	95506
VZF II-20	95519
VZF II-25	95535
VZF II-40	95551
VZF II-50 FL (Brida DIN)	95560

VZF (A) II Flow and Mass Fuel Meter +/- 0,5% Max.error

	CODE
VZF II-15	95511
VZF II-20	95527
VZF II-25	95543
VZF II-40	95559
VZF II-50 (Flanged)	95567

MODEL			VZF 15	VZF 20	VZF 25	VZF 40	VZF 50
NOMINAL DIAMETER		DN Inch	3/4"	1"	1 1/4"	2"	50
INSTALLATION LENGTH		mm	165	165	190	300	350
NOMINAL PRESSURE WITH THREADED ENDS WITH FLANGES		PN PN BAR BAR	16 25	16 25	16 25	16 25	16 25
MAXIMUM TEMPERATURE		TMAX °C	130, 180				
MAXIMUM FLOW RATE	Qmax1) Qnom1) Qmin2)	l/h l/h l/h l/h	600	1.500	3.000	9.000	30.000
NOMINAL FLOW RATE			400	1.000	2.000	6.000	20.000
MINIMAL FLOW RATE			10	30	75	225	750
APPROX. STARTING FLOW RATE			4	12	30	90	300
MAX. PERMISSIBLE ERROR REPEATABILITY			± 1 % of actual value ± 0,2 %				
SAFETY FILTER MESH SIZE		mm	0,400	0,400	0,400	0,800	0,800
DIRT FILTER MESH SIZE		mm	0,250	0,400	0,400	0,600	0,600
VOLUME OF THE MEASURING CHAMBER		Approx. CM ³	12	36	100	330	1200
HOUSING FINISH			enamelled red RAL 3013				
WEIGHT WITH THREADED ENDS ²⁾ WITH FLANGES PN 25		Approx. KG Approx. KG	2,2 3,8	2,5 4,5	4,2 7,5	17,3 20,3	- 41,0
TOTAL VOLUME RESETTABLE VOLUME DIGITAL FLOW RATE DISPLAY REGISTRATION CAPACITY REGISTRATION TIME UNTIL OVERRUN		l, m3 kg, t, lb (l, G, m3,kg, t, lb) / (s, min, h) l, m3, G	G Up to 3 decimal places (dynamic) Up to 3 decimal places (dynamic) Up to 3 decimal places (dynamic) 8 digits >100 years				
OUTPUTS ³⁾ TOTAL MASS CURRENT 4...20 MA FOR FLOWRATE FREQUENCY FOR FLOW LIMITING SWITCH		Vol./pulse I4/Q1, I20 Q2 f1/Q1, f2/Q2 Qmin, Qmax	pulse value and width parameterisable flow rates to 4 and 20 mA parameterisable frequency and flowrate parameterisable minimum, maximum and hysteresis parameterisable				

1) For burners and engines or motors, the meter must be selected on the basis of the permanent flow rate. For higher viscosities, or if the meter is installed on the suction side, the pressure drop and any reduction in the measuring range must be taken into consideration.

2) Weight without couplings.

3) Two freely selectable outputs are available, totally independent of each other.