

Parameter	SFC5400		SFC5500			SFC6000D
Flow range	50, 100, 200 sccm; 0,5; 1, 2, 5, 10 slm	20, 50, 100 slm	50 sccm	0,5; 2, 10 slm	200 slm	5, 20, 50 slm
Repeatability *1	0,1% s.p. or 0,01% FS	0,2% s.p. or 0,02% FS	0,2% s.p. or 0,02% FS	0,1% s.p. or 0,01% FS	0,2% s.p. or 0,02% FS	0,2% s.p. or 0,02% FS
Accuracy *1	0,8% s.p. or 0,08% FS	1% s.p. or 0,1% FS	2% s.p. or 0,2% FS	0,8% s.p. or 0,08% FS	2% s.p. or 0,2% FS	2% s.p. or 0,2% FS
Settling time, typical	100 ms (50 ms on request)		100ms			
Control range	1000:1 (100% / 0,1%)					500:1 (100% / 0,2%)
Calibration gas	single gas, one of : Air/N2, H2, O2 , He, Ar, CO2 multiple gases – OEM option		multiple gases Air/N2, He, CO2			multiple gases Air/N2, CO2
Calibration based on gas model	-		O2, H2, CH4, N2O, Ar			O2, N2O, Ar
Gas recognition	OEM option		Yes			No
Max working pressure	10 bar					
External leak rate	9 × 10 <sup>-9</sup> mbar l/s (He)	9 × 10 <sup>-6</sup> mbar l/s (He)	9 × 10 <sup>-9</sup> mbar l/s (He)		9 × 10 <sup>-6</sup> mbar l/s (He)	2 sccm
Leak rate through closed valve	1 × 10 <sup>-6</sup> mbar l/s (He)					2 sccm
Mounted fittings	Swagelok 6mm / Swagelok ¼" / Swagelok 1/8" / W-seal / Downmount, Manifold / VCO ¼" / VCR ¼"		Legris 6mm		Legris 10mm	Push-in 6mm
Exchangeable fittings	-		With G ¼" threading			With Festo QSP 18 mm interface
Freely downloadable 3D models	Yes, STEP					
Digital interfaces	RS485, DeviceNet, IO-Link (optional)		RS485, DeviceNet, IO-Link (optional)			RS485, I2C
Analog interfaces	0-5 V, 0-10 VDC, 4-20 mA		-			-
Interface connector	D-Sub 9, Male					M8 Molex Micro-Lock Plus, 6-pin
Input power voltage range	14...26V DC					22,9...25,2V DC
Current consumption, Typ.	<b>Flow range &lt; 500 sccm</b> 120mA @ 15V 75mA @ 24V	<b>Flow range &gt; 500 sccm</b> 320mA @ 15V 200mA @ 24V	<b>50 sccm, 0,5, 2 slm</b> 180mA @ 15V 110mA @ 24V		<b>10, 200 slm</b> 320mA @ 15V 200mA @ 24V	110mA @ 24V
Standby current	50mA @ 15V 35mA @ 24V					35mA @ 24V
Operation temperature	0...50 °C					5...50 °C
Viewer	SFC5xxx viewer					ControlCenter
Labview support	Yes, C#, C					No
Software for calibration of other gases	Yes					No
Python SHDLC driver	Yes					No

\*1 whichever is higher, s.p.= in % of setpoint (s.p.) = measured value (m.v.), FS = full scale,