	Serie S4600 STi
Systronik Article No.	M067 …
S4602 STi – Pressure measurement	
Range	±20 hPa
Accuracy	±0.003 hPa ±0.50 % RDG ± 1 digit
Resolution	0.001 hPa
Max. overload	250 hPa
T90	<10 seconds
Sensor Type	Piezoresistive sensor
S4601 STi – Pressure measurement	
Range	±150 hPa
Accuracy	±0.03 hPa ±0.50 % RDG ± 1 digit
Resolution	0.01 hPa (<100 hPa) 0.1 hPa (>100 hPa)
Max. overload	1350 hPa
T90	<10 seconds
Sensor Type	Piezoresistive sensor
S4610 STi - Pressure measurement	
Range	±1,000 hPa
Accuracy	±0.3 hPa ±0.50 % RDG ± 1 digit
Resolution	0.1 hPa (< 1,000 hPa) 1 hPa (>1,000 hPa)
Max. overload	3.5 bar
T90	<10 seconds
Sensor Type	Piezoresistive sensor
S4680 STi – Pressure measurement	
Range	±8,000 hPa
Accuracy	±5 hPa ±0.50 % RDG ± 1 digit
Resolution	0.1 hPa (< 1,000 hPa) 1 hPa (>1,000 hPa)
Max. overload	16 bar
T90	<10 seconds
Sensor Type	Piezoresistive sensor

S4602 STi - Pitot measurement	
Range	0.5 …50 m/s
Accuracy	±0.3 m/s
Resolution	0.1 m/s
T90	<20 seconds
Sensor Type	Piezoresistive sensor
S4601 STi - Pitot measurement	
Range	2.0 …50 m/s
Accuracy	±0.8 m/s
Resolution	0.1 m/s
T90	<20 seconds
Sensor Type	Piezoresistive sensor
Barometric pressure measurement	
Range	500 hPa … 1150 hPa
Accuracy	±10 hPa
Resolution	1 hPa
T90	<60 seconds
Sensor Type	Absolute pressure sensor

General Data	
Display	2.8” Color-TFT
Connections Pressure:	 2 x ∅ 8 mm
Memory Media	microSD memory card (<16 GB)
Data Interface	Bluetooth 5.4 (2.4 GHz; max 2.5 mW / 4 dBm) IR (EUROprinter) QR-Code USB-C
Measurement Units Pressure:	 Pa, hPa, kPa, mbar, bar, mmWs, mmHg, inHg, psi
Battery / Power Supply	Rechargeable Lithium-Ion battery (3.6 V / 2,200 mAh) / External Power Adapter
Power Supply / Charger Mode	Via USB-C socket and AC-Adapter
Expected Operating Time (Measuring Mode)	** hours (‘50%’ Display brightness) ** hours (‘100%’ Display brightness)
Operating Temperature	0 °C ... +40 °C
Storage/Transport Temperature	-20 °C ... +50 °C
Housing Material	Plastic (PA)
Housing Color	RAL 5015 (sky blue)
Dimensions (HxWxD)	143 x 66 x 37 mm (incl. Protection Case)
Protection Rating	IP42 (DIN EN 60529)
Weight	233 g
Protection Case Material	Soft Plastic (TPE)
Protection Case Color	RAL 5011 (steel blue)
Keypad	Foil Keypad (5 buttons)
Keypad Color	RAL 7021/5015/4008/9016
Directives & Standards	2014/30/EU (CE), DIN EN 50379-1 &-2, WEEE/RoHS, 2014/53/EU (RED)

Subject to technical changes!