

Geometric Data LCS Base station		
Dimensions (W x D x H):	230 mm x 240 mm x 60 mm	
Mass:	1.5 kg	
Electrical Data		
Power supply	9...18 V, max. 1 A, with supplied plug-in power supply	
Interfaces	1 x USB (virtual COM-Port), 1 x RS232, Uplink to the extension box	
Protocol	proprietary, access via DLL (Win + Linux) and data logger software or text based, freely definable customer specific protocol possible	
Sensor interfaces		
Wired temperature measurement	5 x digital, for connection of the digital temperature sensors TT-01 of SIOS Meßtechnik GmbH, expandable to 15 probes	
Wireless temperature measurement	max. 15 wireless temperature transmitters of SIOS Meßtechnik GmbH WT-01	
Air pressure / humidity	2 digital interfaces, for connection <ul style="list-style-type: none"> the SB-2x sensor box SIOS Meßtechnik GmbH with air pressure and humidity measurement pin sensor for humidity customized third-party sensors on request 	
Parameter temperature sensors	Digital temperature sensors TT-01	Wireless temperature sensors WT-01
Measuring range	5...35°C or on request	
Resolution	0.1 mK	1 mK
Measuring interval	> 4 s	
Sensor types	Pt-100 air and material temperature sensors, customer-specific designs possible	
PT100 - Cable length	3 m, 6 m, 10 m, other lengths on request	1-1.50 m, (to transmitter) other lengths on request
Frequency range	868 / 915 / 920 MHz, 3 channels each	
Power supply	9 V block battery	
Parameter Air pressure / humidity	Sensorbox SB-2x	
Air pressure measurement	70 000 ... 110 000 Pa, ± 50Pa	
Humidity measurement	± 5%rH (for measuring range 10% - 90%)	
Dimensions (W x D x H)	85 mm x 50 mm x 35 mm	

09/2022 · Subject to change.