



# Lufft OPUS20 THI

## Temperature and rel. Humidity

For climate monitoring in buildings and the control of all climate-sensitive production processes, in electronic data-processing centres, control cabinets, wind turbines, storage rooms and museums.

The OPUS20 runs on batteries or can be powered via USB. Alternatively, you have the possibility to power the device via POE (Power over Ethernet).

Lufft OPUS20 Temperature and Relative Humidity			Order-No.
<b>Lufft OPUS20 Temperature / rel. Humidity</b> (neutral without Lufft-Logo 8120.00N)			<b>8120.00</b>
<b>Lufft OPUS20 Temperature / rel. Humidity PoE</b> (neutral without Lufft-Logo 8120.01N)			<b>8120.01</b>
<b>Technical data</b>	Dimensions	length 166 mm, width 78 mm, depth 32 mm	
	Measurement rate	10/30s, 1/10/12/15/30min, 1/3/6/12/24h	
	Storage rate	1/10/12/15/30min, 1/3/6/12/24h	
	Construction	plastic housing	
	Operation life (battery)	> 1 Year	
	Data storage	16 MB, 3,200,000 measured values	
	LC-Display	size 90x64 mm	
	Weight	approx. 250g	
	Included in delivery	PC-Windows Software SmartGraph 3 for graphical and numerical representation of measured values / instruction manual / data cable / battery / DIN rail bracket	
	Interface	USB, LAN	
	Power supply	4 x LR6 AA Mignon, USB, (POE opt.)	
	Max. operation temperature	-20...50°C	
	Max. rel. humidity	0...95%r.h.<20g/m <sup>3</sup> (non condensing)	
	Max. altitude	10,000 m above sea level	
<b>Temperature</b>	Principle	NTC	
	Measurement range	-20... 50 °C	
	Accuracy	±0.3°C (0...40°C), otherwise 0.5°C	
	Resolution	0.1°C	
<b>Rel. humidity</b>	Principle	capacitive	
	Measurement range	0...100%r.h.	
	Accuracy	±2%r.h.,	
	Resolution	0.1%r.h.	
<b>Accessories</b>	4 x LR6 AA Mignon		<b>8120.SV1</b>
	Power supply adapter		<b>8120.NT</b>



*The only LAN datalogger with built-in sensors and the highest precision*