

Lufft OPUS20 THIP Temperature, Rel. Humidity, Air Pressure



Lufft OPUS20 THIP Temperature, Relative Humidity, Air Pressure		Order-No.
Lufft OPUS20 THIP Temperature / Rel. Humidity / Air Pressure (neutral without Lufft-Logo 8120.10N)		8120.10
Lufft OPUS20 THIP Temperature / Rel. Humidity / Air Pressure PoE (neutral without Lufft-Logo 8120.11N)		8120.11
Technical data	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% RH < 20g/m ³ (non condensing)
	Max. altitude	10,000 m above sea level
	Temperature	Principle
Measurement range		-20 ... 50 °C
Accuracy		±0.3°C (0...40°C), otherwise 0.5°C
Resolution		0.1°C
Rel. humidity	Principle	capacitive
	Measurement range	0...100% RH
	Accuracy	±2% RH
	Resolution	0.1% RH
Air pressure	Measurement range	300 ... 1,300 hPa abs.
	Accuracy	700 ... 1,100 mbar at 25°C ±0.5 hPa
	Resolution	0.1 hPa
Accessories	4 x LR6 AA Mignon	8120.SV1
	Power supply adapter	8120.NT

Finally available: Lufft's precise Climate Station for interior applications – an essential data collector for all calibration laboratories.

