



### For climate monitoring in buildings and the control of all climate-sensitive production processes

- **Parameters measured**  
Temperature & Relative humidity
- **Measurement technology**  
Temperature / NTC, Humidity / Capacitive
- **Product highlights**  
LAN datalogger with built-in sensors and highest precision, evaluation software SmartGraph3 included
- **Interfaces**  
USB (Cable and SmartGraph3 monitoring software included)
- **Article number**  
8120.00, 8120.00N, 8120.01, 8120.01N

The data logger is equipped with built-in sensors of high precision. It runs on battery power, via USB port or PoE (Power over Ethernet).

General	
Dimensions	166 x 78 x 32 mm
Measuring interval	10/30 s, 1/10/12/15/30 min, 1/3/6/12/24 h
Construction	Plastic housing
Operating time with battery	> 1 Year
Data storage	16 MB, 3,200,000 measured values

LC-Display	Height 90 x 64 mm
Weight	Approx. 250 g
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
Storage interval	1/10/12/15/30 min, 1/3/6/12/24 h
Power supply	4 x LR6 AA Mignon, USB
Operating temperature	-20...50 °C
Operating rel. humidity	0...100 % RH, < 20 g/m <sup>3</sup> (non - condensing)
Max. height	10,000 m above sea level

Temperature	
Principle	NTC
Measuring range	-20 ... 50 °C
Unit	°C
Accuracy	±0.3 °C (0...40 °C), otherwise ± 0.5 °C
Resolution	0.1

Relative humidity	
Principle	Capacitive
Measuring range	0 ... 100 % RH
Unit	% RH
Accuracy	±2 % RH
Resolution	0.1