

**Data logger, Type: 175T2**

Order data

Order number	474180 175T2
GTIN	4029547011092
Item class	47B

Description**Version:**

Robust and compact 2-channel data loggers with large back-lit display. Internal memory for 1 million measured values. High data security, even when the battery is flat. Measurement interval adjustable between 10 seconds and 24 hours. Battery life ≥ 3 years (measurement interval 15 min, 25 °C). Two standard interfaces (mini-USB and SD card) for easy programming and reading the logged data by direct connection to a PC. Connection for 1 external temperature sensor (type NTC).

Function:

IP65: Protected against jets of water from all directions and protected against penetration by dust (dust-tight), also completely protected against touching.

Supplied with:

With wall bracket, lock, 3 batteries No. 081561 size LR3, and calibration certificate; ComSoft Basic V5 software available for downloading free of charge.

Optional extras:

USB cable 474183 size USB. Temperature sensor (type NTC) on request.

Interface: USB interface

IP Index of Protection: IP 65

Calibration: I9

Measuring range temperature (external sensor): -40 – 120 °C

Measuring range temperature (internal sensor): -35 - 55 °C

Error limit temperature (external sensor): $\pm 0.3\text{ }^{\circ}\text{C}$

Error limit temperature (internal sensor): $\pm 0.5\text{ }^{\circ}\text{C}$

external sensor type: NTC

Length: 89 mm

Technical description

Height	30 mm
IP Index of Protection	IP 65
Measuring range temperature (external sensor)	-40 – 120 $^{\circ}\text{C}$
Width	55 mm
external sensor type	NTC
Manufacturer's designation	175 T2
Error limit temperature (internal sensor)	$\pm 0.5\text{ }^{\circ}\text{C}$
Error limit temperature (external sensor)	$\pm 0.3\text{ }^{\circ}\text{C}$
Measuring range temperature (internal sensor)	-35 - 55 $^{\circ}\text{C}$
Length	89 mm
Calibration	I9
Number of batteries contained	3
Article no of the battery / rechargeable battery fitted	081561 LR3
Power supply	Battery-powered
Interface	USB interface
Type of product	Data logger

Services

Calibration Temperature measuring device, room temperature Type B	016920 B
Labelling laser-etched Type	018940
DAkkS calibration Thermo-hygrometer	016930
Calibration Temperature measuring device, room temperature Type B	027650 B
DAkkS calibration Thermo-hygrometer Type A	027670 A

Accessories

Alkaline-manganese batteries International size LR3	081561 LR3
Alkaline-manganese batteries International size LR3	081556 LR3
Temperature sensor Type NTC	474170 NTC
USB cable Type USB	474183 USB