



WET 103 0102 / 112 0102



WET 104 0101



WET 200 0101

WET 103 / 104 / 112 / 200

Indoor and outdoor sensors, KNX



Natural
ventilation



KNX
product

Application

Indoor sensors

- WET 103: KNX temperature sensor.
- WET 104: KNX temperature sensor with manual operation for adjustment of setpoint.
- WET 112: KNX temperature, CO₂-level and the relative humidity.

Outdoor sensor

- WET 200: KNX temperature and lux sensor with GPS receiver

Specifications

Indoor sensors

WET 103 and WET 104:

- temperature is measured between 0 - 50°C
- the measurements are sent directly via the KNX bus

WET 112:

- temperature is measured between 0 - 50°C
- CO₂-level is measured between 300 - 10.000ppm
- relative humidity is measured between 0% - 100%
- the measurements are sent directly via the KNX bus

Outdoor sensor

WET 200:

- temperature is measured between -30 - +55°C
- light is measured between 1 - 22.000 lux
- GPS data received: geographical position (LAT/LONG), angle of solar radiation during the day, sunrise / sunset times
- the measurements are sent directly via the KNX bus

Room and outdoor sensors, KNX

Technical specifications WET 103 0102 / 104 / 112 0102	
Current consumption	< 10mA
Power supply	by KNX bus
BUS connection	KNX bus connector
BUS-interface module (BCU)	integrated
Operating conditions	0°C - 50°C, for indoor wall mounting, not to be mounted in a dusty environment
Material	self extinguishing thermoplastic
Colour	studio white (like RAL 9016)
Size	80.5 x 80.5 x 17mm (W x H x D)
Manuel operation	WET 104: manuel adjustment of set-point temperature. Adjustment range $\pm 3^{\circ}\text{C}$ in 0.5°C increments.
CO ₂ rangen of meassurement	WET 112: 390 - 10.000 ppm $\pm 150\text{ppm}$
Humidity, relative, range of meassurement	WET 112: 1 - 100%, long term stability $\pm 3\%$
Temperature, range of meassurement	0 - 50°C 0.5°C
IP rating	IP20, according to DIN EN 60529
Class of protection	III, when installed according to regulations
Delivery includes	sensor
Technical specifications WET 200	
Current consumption	approx. 10mA
Power supply	by KNX bus
BUS connection	KNX bus connector
BUS-interface module (BCU)	integrated
Operating conditions	-30°C - +55°C
Material	self extinguishing thermoplastic
Size	sensor: 75 x 31 x 65 (W x H x D) bracket: 52 x 38 x 57 (W x H x D)
Temperature, range of meassurement	-30°C - +55°C $\pm 0.5^{\circ}\text{C}$
Light, range of meassurement	1 - 22.000 lux
IP rating	IP54, according to DIN EN 60529
Delivery includes	sensor with bracket for wall mounting
Note	we reserve the right to make technical changes

Item	Item nr.
Temperature sensor KNX Manufacture: Hugo Müller. Type: TS 30.10 KNX	WET 103 0102
Temperature sensor with setpoint KNX Manufacture: Hugo Müller. Type: TS 31.10 KNX	WET 104 0101
Temperature, CO ₂ -, and humidity sensor KNX Manufacture: Hugo Müller. Type: GS 40.10 KNX	WET 112 0102
Temperature and LUX sensor with GPS KNX Manufacture: Hugo Müller. Type: FU 40.00 KNX	WET 200 0101

The function of these sensors is tested with WCC 3x0 MotorControllers, WSC 3x0 smoke panels panels and WSC 5xx smoke panels. For product further descriptions, applications and ETS – pls. see the manufacture's homepages.