



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 measurement | WET 112: 390 - 10.000 ppm $\pm 150\text{ppm}$ |
| Humidity, relative, range of measurement | WET 112: 1 - 100%, long term stability $\pm 3\%$ |
| Temperature, range of measurement | 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 measurement | -30°C - +55°C $\pm 0.5^{\circ}\text{C}$ |
| Light, range of measurement | 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. | |