Expert Sensor Box 7211 / 7212 Series

LAN sensor for monitoring of temperature and relative humidity

Order code | Product | Feature | Power supply
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7211-0 | Expert Sensor Box 7211-0 | Temperature Sensor -20°C to +80 °C | Power-over-Ethernet
7211-1 | Expert Sensor Box 7211-1 | Temperature Sensor -20°C to +80 °C | External power supply unit (12 V)
7212-0 | Expert Sensor Box 7212-0 | Temp./Humidity Sensor -20°C to +80°C / 0-90% humidity | Power-over-Ethernet
7212-1 | Expert Sensor Box 7212-1 | Temp./Humidity Sensor -20°C to +80°C / 0-90% humidity | External power supply unit (12 V)
7901 | Power Supply Unit 7901 | 12 V DC, 500 mA, plug for 2.1 mm pin, included in delivery of Expert Sensor Box 7211-1 / 7212-1 | Power-over-Ethernet

Features

- Integrated temperature sensor (7211-0 and 7211-1)
- Integrated temperature/humidity sensor (7212-0 and 7212-1)
- Power supply via Power-over-Ethernet (7211-0 and 7212-0)
- Power supply via external power supply unit, included in delivery (7211-1 and 7212-1)
- Internal beeper for acoustic alarm for set sensor thresholds
- Comfortable configuration by web browser, Windows or Linux tool
- Firmware update via Ethernet during operation
- HTTP 1.1, e-mail, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Access control via IP Access Control List
- Access control via optional HTTP password
- Android and iOS app Gude Control allows access from anywhere
- Low internal power consumption
- Developed and manufactured in Germany

Electrical Connections

- DC socket for external power supply unit (7211-1 and 7212-1)
- Ethernet connector RJ45 (10/100 Mbit/s), serves as power supply for 7211-0 and 7212-0

Technical Details

- Plastic case, LxHxD: 158 x 28 x 66 mm (inclusive sensor pipe)
- Weight: ca. 100 g
- Measuring range temperature: -20 °C to +80 °C at +/- 2 °C (maximum) and +/- 1 °C (typical)
- Measuring range humidity: 0-90% at +/- 3% (7212-0 / 7212-1)
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)