

Eckelmann

E*LDS Humidity and market sensor



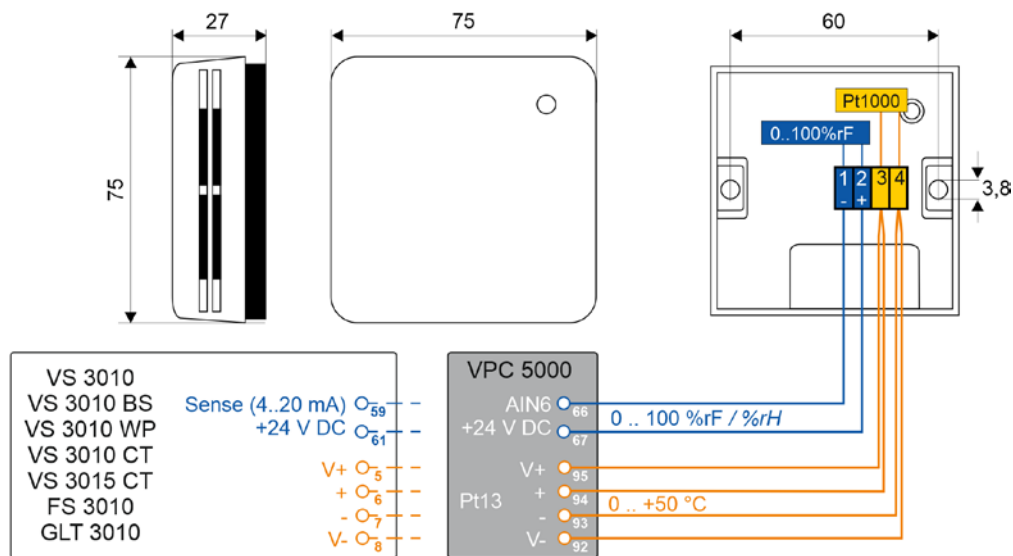
Special functions and features

- 2 in 1: Combined sensor for humidity and temperature measurement
- Humidity sensor:
High long-term stability, condensation proof, small hysteresis and good dynamic characteristics
Measurement range: 0..100 % rF
- Temperature sensor:
Pt1000 with 4-wire technology for precise temperature measurement even over large distances
Measurement range: 0..50 °C
- Especially designed for use in industrial refrigeration and air-conditioning technology. Ideal accessory for the controllers VS 3010 / VS 3010 BS / VS 3010 CT / VS 3015 CT VS 3010 WP / VPC 5000 / FS 3010 / GLT 3010 / UA 410 E AC
- Compact construction with IP20 for wall mounting

Order numbers

- KGLZPTHYGR
Combined humidity and market temperature sensor

Mechanical data



Specifications

Humidity Sensor

- Connection: 2-wire (terminals 1/2)
- Current output: 4..20 mA
- Measurement range: 0..100 % rF
- Working range: 15..90 % rF
- Accuracy (at 23°C): ± 3 % rF (40..60 % rF)
 ± 5 % rF (remaining working range)
- Temperature influence: typ. $\pm 0,2$ % rF/K

Temperature Sensor

- Connection: 4-wire (terminals 3/4)
- Measurement range: 0..50 °C
- Tolerance: (10..40 °C) ± 1 °C

General Data

- Dimensions: see above
- Weight : approx. 80 g
- Protection: IP20