

PRB-SHT45-1M5

Cabled T+RH probe · Digital · SHT45

Probe datasheet

External temperature + humidity probe for through-the-door-seal fridge monitoring — the sensor's factory serial is its calibration identity.

Specifications

Sensor	Sensirion SHT45 · ±0.1 °C typ · ±1.0 %RH
Head range	−40 to +85 °C (2–8 °C fridge duty; not for ULT/dry ice)
Cable	1.5 m PUR, 4 × 26 AWG (hard limit 2.0 m)
Head	Ø10 mm sleeve with PTFE filter cap · IP65 at head
Interface	Exp-F probe port card (JST-GH)

Variants & compatibility

Variants	PRB-SHT45-1M5 · PRB-SHT45-2M0
Compatible monitors	ABH-200-E

The ABH line is at the design-frozen, pre-production stage: every enclosure has passed generated fit-check geometry (791/791 checks, 20/20 SKUs) and every battery-life, drop, thermal and IP figure shown is a calculated or simulated design estimate — measured values replace them as validation hardware runs. Regulatory marks above are the certification roadmap, not held certificates.

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