

Technical datasheet

Modular Wired Validation Data Acquisition System

An eight-channel acquisition module with selectable temperature, pressure or humidity sensors for wired validation and real-time data review.



Representative system components. The image does not establish the supplied number of modules, probes, loggers or docking stations; confirm the quoted delivery list.

Key features

Eight channels per module

Selectable temperature, pressure or humidity probes

Real-time data and curve viewing

Standard Configuration

Eight channels per acquisition module, plug-in sensor connections, real-time data and curves, joint programming of multiple nodes and support for mixed wired/wireless validation. The selected sensor determines the measurement range and accuracy.

Optional Accessories

Confirm logger/probe quantities, workstation or acquisition modules, cables, software licence, supported computer/OS and calibration scope in the quotation. No computer, calibration service or regulatory certification is implied.

Technical Information

Parameter	Value
Channels per module	8
Recording interval	1 s - 18 h
Record capacity	12000000 per node
Logger operating ambient	0-70 °C / 0-100% RH
Charging input	DC 5 V / 4 A
Adapter input / output	AC 220 V / 1 A → DC 5 V / 6 A
Battery capacity	18000 mAh

Technical Information

Model	Sensor / connection	Measurement range
PT-VAL-003	Temperature / four-wire platinum RTD	Moist heat: -100-200 °C; dry heat: -100-400 °C
PT-VAL-007	Pressure	0-600 kPa absolute
PT-VAL-008	Humidity	0-99% RH

Model	Sensor accuracy	Display resolution
PT-VAL-003	±0.1 °C	0.01 °C
PT-VAL-007	±1.5 kPa (FS)	0.01 kPa
PT-VAL-008	±2% RH (FS)	0.01% RH

Selection / Ordering Information

Specify the PRECETTA model, measurement points, temperature/humidity/pressure range, probe arrangement and recording interval. Confirm sensor accuracy conditions and the complete delivery list.