

TETRACON (PVT.) LTD. — Product Datasheet

DABECO Co. Ltd. | Model DB485197

Humidity and Temperature Sensor with RS485 Output for Interior Usage

Interior RS485/Modbus humidity and temperature sensor for building automation, networking and remote transmission.

Overview

Interior RS485/Modbus humidity and temperature sensor for building automation, networking and remote transmission.

Operating Principle

A capacitive/digital humidity sensing element with temperature compensation measures process or ambient RH and temperature; the DB485197 transmitter conditions the signals to industry-standard analog and/or RS485 Modbus outputs for HVAC, building automation, chambers, or process monitoring.

Key Features

- Humidity 0–100 %RH
- RS485 Modbus RTU
- Interior / building automation
- Dew-point capable (DI listing)

Benefits

- Fills Tetracon DABECO HVAC / indoor / chamber humidity portfolio gaps
- RS485 Modbus and/or analog outputs for direct BMS and PLC integration
- Local supply and support from Tetracon in Pakistan

Typical Applications

HVAC & Building Automation, Climate Chambers, Data Centers, Warehouses, Process Humidity, CEMS / Flue Gas (where applicable)

Technical Specifications

Model: DB485197

Brand: DABECO Co., Ltd.

Category: humidity-pressure

Humidity 0–100 %RH

RS485 Modbus RTU