



## FA 200-1

FA 200-1, the affordable standard model, measures pressure dew point from -60 to +30°C tpd. This compact instrument supplies an output signal of 4 to 20 mA corresponding to -60 to +30°C tpd to control systems.

### The advantages at a glance

- Easy control and adjustment on site
- Optional quick connect measuring chamber

### Applications:

- Continuous monitoring of compressed air humidity in transport vehicles and railway stock.
- Checks drying efficiency in refrigeration and absorption compressed air driers up to -60°Ctpd, e.g. drying of electronic components.
- Checks humidity in process, control and compressed air.
- Checks condensate deposit in refrigeration driers up to +2°Ctpd.
- Monitors granulate driers.

## Technical Specifications

Measuring Range	-60 to +30°Ctpd
Pressure Range	-1.0 to 50bar
Accuracy	±2°Ctpd at -5°Ctpd (typically)
Resolution	1 °C
Interface output	4 to 20mA (electrically isolated)
Power Supply	24VDC ±10%
Application Temperature	0 to +50°C
Storage Temp	-20 to +70°C
Conn., mech	G 1/2", Stainless steel screw-in thread
Conn., electr.	Flange plug/coupler socket M 12x1
Calibration	Via 4 internal buttons
Protection Class	IP65
CE:	Conforms with EN 50081-2, EN 50082-2
Measuring Chamber	Connection via standard plug. Pressure range max. 16bar. Measuring volume flow 1.0 l/min at 7 bar typically.
Measuring Range	0 to 100%RH
Display	3 digit LED display, flashes if limit value exceeded.
Relay Output	1 change-over contact, voltage free (230V AC, 1A).

For further details & enquiries please contact us at:

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