



DS 52 - Dew point monitoring

The dew point set is plug-and-play ready. The alarm values can be set freely. The dew point sensor FA 510 is extremely long-term stable and can be quickly and easily installed and removed.

Option:

Alarm unit (Buzzer and continuous red light)

Consisting of:

Digital process meter DS 52

Special features:

- Plug-and-play system: everything wired and ready
- No time-consuming studying of the instruction manual
- 2 alarm contacts (250 VAC, 3 A) pre- and main alarm freely adjustable
- 4...20 mA analog output
- Option alarm unit: Buzzer and continuous red light



Standard measuring chamber

Dew point sensor FA 510

DESCRIPTION	ORDER NO.
Dew point monitoring DS 52 for adsorption dryer consisting of:	0600 5100
DS 52 LED process display in the wall housing	0500 0009
FA 510 dew point sensor for adsorption dryers -112 to 68 °Ftd incl. factory certificate, 4...20 mA analog output (3-wire connection) and Modbus-RTU interface	0699 0510
Standard measuring chamber up to 232 psi	0699 3390
Connection cable for VA/FA series, 16 ft.	0553 0104
Dew point monitoring DS 52 for refrigeration dryers, consisting of:	0600 5120
DS 52 LED process display in the wall housing	0500 0009
FA 510 dew point sensor for refrigeration dryer -4...122 °Ftd incl. factory certificate, 4...20 mA analog output (3-wire connection) and Modbus-RTU interface	0699 0512
Standard measuring chamber up to 232 psi	0699 3390
Connection cable for VA/FA series, 16 ft.	0553 0104
Options:	
Power supply 24 VDC (instead of 230 VAC)	Z500 0001
Power supply 110 VAC (instead of 230 VAC)	Z500 0002
Alarm unit mounted to the wall housing	Z500 0003
Alarm unit for external mounting with 16 ft cable	Z500 0004
Further accessories:	
Precision calibration at -40 °Ftd incl. ISO certificate	0699 3396
Additional calibration point freely selectable	0700 7710

TECHNICAL DATA DISPLAY DS 52

Dimensions:	4.6 x 3.6 x 3.6 Inches
Display:	LED red, 7-segment, height: 0.5 Inch, 5-digit, 2 LED for alarm relay
Keypad:	4 keys
Input:	4...20 mA
Power supply:	230 VAC, 50/60 Hz; option: 24 VDC or 110 VAC 50/60 Hz
Alarm outputs:	2 x relay output, changeover contact, 250 VAC, max. 3 A
Operating temperature:	14...+140 °F (storage temperature -4 °F...176 °F)
Alarm thresholds:	Freely adjustable
Hysteresis:	20 °Ftd
Analog output:	4...20 mA = -112...68 °Ftd or -4...122 °Ftd.