

DS 52 - Dew point monitoring

The dew point set is wired ready to plug in at the factory. 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 under pressure via the screw-on measuring chamber incl. Quick coupling.

Option:
Alarm unit (Buzzer and continuous red light)

Consisting of:
Digital process meter DS 52

Special features:

- Plug-in 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 analogue output
- Option alarm unit: Buzzer and continuous red light



DESCRIPTION	ORDER NO.	TECHNICAL DATA DISPLAY DS 52
<p>Dew point monitoring DS 52 for adsorption dryer consisting of:</p> <p>DS 52 LED process display in the wall housing</p> <p>FA 510 dew point sensor for adsorption dryers -80 °...20 °Ctd incl. factory certificate, 4...20 mA analogue output (3-wire connection) and Modbus-RTU interface</p> <p>Standard measuring chamber up to 16 bar</p> <p>Connection cable for VA/FA series, 5 m</p>	<p>0600 5100</p> <p>0500 0009</p> <p>0699 0510</p> <p>0699 3390</p> <p>0553 0104</p>	<p>Dimensions: 118 x 92 x 93 mm</p> <p>Display: LED red, 7-segment, height: 13 mm, 5-digit, 2 LED for alarm relay</p> <p>Keypad: 4 keys</p> <p>Input: 4...20 mA</p> <p>Power supply: 230 VAC, 50/60 Hz; option: 24 VDC or 110 VAC 50/60 Hz</p> <p>Alarm outputs: 2 x relay output, changeover contact, 250 VAC, max. 3 A</p> <p>Operating temperature: -10...+60 °C (storage temperature -20 °C...+80 °C)</p> <p>Alarm thresholds: Freely adjustable</p> <p>Hysteresis: 2 °Ctd</p> <p>Analogue output: 4...20 mA = -80...20 Ctd or -20...50 Ctd.</p>
<p>Dew point monitoring DS 52 for refrigeration dryers, consisting of:</p> <p>DS 52 LED process display in the wall housing</p> <p>FA 510 dew point sensor for refrigeration dryer -20...50 °Ctd incl. factory certificate, 4...20 mA analogue output (3-wire connection) and Modbus-RTU interface</p> <p>Standard measuring chamber up to 16 bar</p> <p>Connection cable for VA/FA series, 5 m</p>	<p>0600 5120</p> <p>0500 0009</p> <p>0699 0512</p> <p>0699 3390</p> <p>0553 0104</p>	
<p>Options:</p> <p>Power supply 24 VDC (instead of 230 VAC)</p> <p>Power supply 110 VAC (instead of 230 VAC)</p> <p>Alarm unit mounted to the wall housing</p> <p>Alarm unit for external mounting with 5 m cable</p>	<p>Z500 0001</p> <p>Z500 0002</p> <p>Z500 0003</p> <p>Z500 0004</p>	
<p>Further accessories:</p> <p>Precision calibration at -40 °Ctd incl. ISO certificate</p> <p>Additional calibration point freely selectable</p>	<p>0699 3396</p> <p>0700 7710</p>	