

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 analog output
- Option alarm unit: Buzzer and continuous red light



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 inch
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.