

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:

- System ready for plug-in: Everything completely wired
- No time-consuming studying of the instruction manual
- 2 alarm contacts (230 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.
Dew point monitoring DS 52 for desiccant driers consisting of:	0600 5100
DS 52 LED display in wall housing	0500 0009
FA 510 dew point sensor for desiccant driers -80°...20°Ctd incl. inspection certificate, 4...20 mA output signal (3-wire connection) and Modbus-RTU interface	0699 0510
Standard measuring chamber up to 16 bar	0699 3390
Connection cable for VA/FA sensors, 5 m	0553 0104
Dew point monitoring DS 52 for refrigeration dryers, consisting of:	0600 5120
DS 52 LED display in wall housing	0500 0009
FA 510 dew point sensor for refrigeration dryer -20...50°Ctd incl. inspection certificate, 4...20 mA output signal (3-wire connection) and Modbus-RTU interface	0699 0512
Standard measuring chamber up to 16 bar	0699 3390
Connection cable for VA/FA sensors, 5 m	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 at wall housing	Z500 0003
Alarm unit for external mounting with 5 m cable	Z500 0004
Calibration and adjustment:	
Precision calibration at -40°Ctd including ISO certificate	0699 3396
Additional calibration point freely selectable	0700 7710

TECHNICAL DATA DISPLAY DS 52	
Dimension:	118 x 92 x 93 mm
Display:	LED red, 7 segments, height: 13 mm, 5 digits, 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:	-10...+60 °C (storage temperature -20°C...+80°C)
Alarm thresholds:	freely adjustable
Hysteresis:	2 °Ctd
Analog output:	4...20 mA = -80...20 Ctd or -20...50°Ctd.