

# IDS 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 IFA 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 IDS 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 IDS 52	
<b>Dew point monitoring IDS 52 for adsorption dryer consisting of:</b>	<b>0600 5100</b>	<b>Dimensions:</b>	118 x 92 x 93 mm
IDS 52 LED process display in the wall housing	0500 0009	<b>Display:</b>	LED red, 7-segment, height: 13 mm, 5-digit, 2 LED for alarm relay
IFA 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	0699 0510	<b>Keypad:</b>	4 keys
Standard measuring chamber up to 16 bar	0699 3390	<b>Input:</b>	4...20 mA
Connection cable for IVA/IFA series, 5 m	0553 0104	<b>Power supply:</b>	230 VAC, 50/60 Hz; option: 24 VDC or 110 VAC 50/60 Hz
<b>Dew point monitoring IDS 52 for refrigeration dryers, consisting of:</b>	<b>0600 5120</b>	<b>Alarm outputs:</b>	2 x relay output, changeover contact, 250 VAC, max. 3 A
IDS 52 LED process display in the wall housing	0500 0009	<b>Operating temperature:</b>	-10...+60 °C (storage temperature -20 °C...+80 °C)
IFA 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	0699 0512	<b>Alarm thresholds:</b>	Freely adjustable
Standard measuring chamber up to 16 bar	0699 3390	<b>Hysteresis:</b>	2 °Ctd
Connection cable for IVA/IFA series, 5 m	0553 0104	<b>Analogue output:</b>	4...20 mA = -80...20 Ctd or -20...50 Ctd.
<b>Options:</b>			
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 5 m cable	Z500 0004		
<b>Further accessories:</b>			
Precision calibration at -40 °Ctd incl. ISO certificate	0699 3396		
Additional calibration point freely selectable	0700 7710		