

# DEW POINT MEASURING INSTRUMENT FA 400



## Technical data FA 400:

<b>Measuring range:</b>	-80...20 °C <sub>td</sub> , -60...30 °C <sub>td</sub> , -20...50 °C <sub>td</sub> resp. 0...100% RH
<b>Accuracy:</b>	± 1 °C at 20...-20 °C <sub>td</sub> ± 2 °C at -20...-50 °C <sub>td</sub> ± 3 °C at -50...-80 °C <sub>td</sub>
<b>Pressure range:</b>	-1...50 bar special version up to 350 bar
<b>Power supply:</b>	24 VDC (16...30 VDC) smoothed
<b>Protection class:</b>	IP 65
<b>EMV:</b>	according to DIN EN 61326
<b>Operating temp.:</b>	-20...50 °C
<b>Connection:</b>	2 x M12, 5-pole for analogue output and alarm output
<b>PC connection:</b>	SDI interface
<b>Analogue output:</b>	4...20 mA = -80...20 °C <sub>td</sub> 4...20 mA = -60...30 °C <sub>td</sub> 4...20 mA = -20...50 °C <sub>td</sub>
<b>Burden for analogue output:</b>	< 500 Ohm
<b>Alarm relay:</b>	NO, max. 60 VDC, 0.5 A
<b>Screw-in thread:</b>	G1/2"
<b>Dimensions:</b>	Ø 65 mm, length 160 mm
<b>Output signals via software:</b>	% RH, °C <sub>td</sub> , g/m <sup>3</sup> , mg/m <sup>3</sup> , ppm V/V