



Dew point sensor FA 415 from -20 to 50°Ctd

The dew point sensor FA 415 for the typical use in refrigeration dryers

The ideal dew point sensor for the monitoring of refrigeration dryers with analogue output 4...20 mA



Special features:

- Analogue output 4...20 mA
- Precise, long-term stability
- Quick response time
- Measuring range -20...50°Ctd

Technical data FA 415

Measuring range:	-20...50°Ctd resp. 0...100% RH
Accuracy:	± 1°C at 0...20°Ctd ± 2°C remaining range
Pressure range:	-1...16 bar
Power supply:	24 VDC (10...30 VDC)
Protection class:	IP 65
EMV:	according to DIN EN 61326
Operating temp:	-20...70 °C
Connection:	M12, 5-pole
PC connection:	SDI interface
Screw-in thread:	G 1/2"
Dimensions:	Ø 30 mm, length approx. 130 mm
Output FA 415:	4...20 mA = -20...50°Ctd
Burden for analogue output:	< 500 Ω

Description	Order No.
FA 415 dew point sensor (-20...50°Ctd)	0699 0415
Connection cables:	
Connection cable, 5 m	0553 0104
Connection cable, 10 m	0553 0105
Additional accessories:	
Standard measuring chamber up to 16 bar	0699 3390
CS Service software incl. PC connection set for FA/VA 400 sensors, USB adapter and interface adapter, to the sensor (please see on page 58)	0554 2005
Mains unit in wall housing 100-240 V, 10 VA, 50-60 Hz/24 VDC, 0.35 A	0554 0108
Mains unit on DIN rail 100-240 VAC / 24 VDC, 0.35 A	0699 3340
Calibration:	
Precision calibration at 3°Ctd including ISO certificate	3200 0003
Control and calibration set 11.3 % RH	0554 0002
Control and calibration set 33 % RH	0554 0004
Control and calibration set 75.3 % RH	0554 0005

Recommendation:



Mounting with standard measuring chamber for compressed air up to 16 bar

Advantage: Easy installation via quick coupling