

PDP Check S - Dew point monitoring

Dew point sensor for residual moisture measurement in compressed air and gases

Features & Benefits

- ▶ Alarm unit (Buzzer and continuous red light)
- ▶ Digital process meter PDP Check S
- ▶ 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
- ▶ Standard measuring chamber
- ▶ Dew point sensor PDP Sens 1/2



The dew-point set is wired ready to plug in at the factory. The alarm values can be set freely. The dew point sensor PDP Sens 1/2 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.

Description	Order no.
Dew point monitoring PDP Check S2 for desiccant driers consisting of:	2255330390
PDP Check S LED display in wall housing	2255332549
PDP Sens 2 dew point sensor for desiccant driers -80°-20°Ctd incl. inspection certificate, 4...20 mA output signal (3-wire connection) and Modbus-RTU interface	2255330413
Standard measuring chamber up to 16 bar	2255460229
Connection cable for Flow/ PDP sensors, 5 m	2255460213
Dew point monitoring PDP Check S for refrigeration dryers, consisting of:	2255330387
PDP Check S LED display in wall housing	2255332549
PDP Sens 1 dew point sensor for refrigeration dryer -20-50°Ctd incl. inspection certificate, 4...20 mA output signal (3-wire connection) and Modbus-RTU interface	2255330412
Standard measuring chamber up to 16 bar	2255460229
Connection cable for Flow/ PDP sensors, 5 m	2255460213
Options:	
Power supply 24 VDC (instead of 230 VAC)	2255330388
Power supply 110 VAC (instead of 230 VAC)	2255330389
Alarm unit mounted at wall housing	2255460211
Alarm unit for external mounting with 5 m cable	2255460231
Calibration and adjustment:	
Precision calibration at -40°Ctd including ISO certificate	2255332542
Additional calibration point freely selectable	2255332543

Technical data display PDP Check S	
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.