

## Display Unit RS CDT



Temperature and dew  
point indication

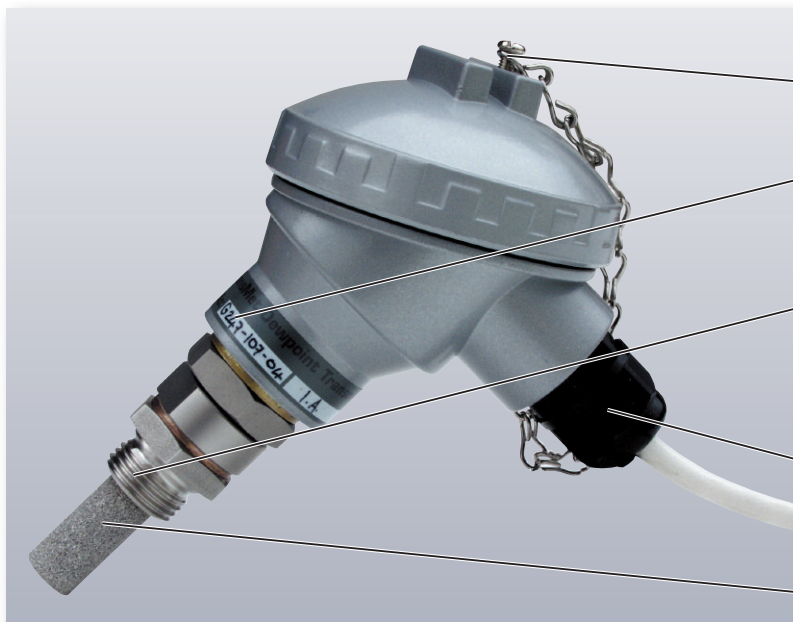
Micro-fuse 230 VAC 500 mA

ON/OFF-switch with  
indicator lamp

Dew point  
transmitter interface

Line voltage

## Dew Point Transmitter CDT



Protective cover for  
internal electronics

Sensor identification number

1/2-inch thread adapter for  
dryer interface

Interface cable and  
power supply for display  
unit model RS CDT

Sintered metal filter  
for sensors



# Display Unit RS CDT

## Technical specifications:

- ▶ **Dimensions:** Length: 160 mm  
Height: 100 mm  
Depth: 80 mm
- ▶ **Power requirement:** 230 VAC 50 Hz  $\pm$  10 %
- ▶ **Display:** 2 lines, 16 characters
- ▶ **Data transmission:** serial

# Dew Point Transmitter CDT

## Technical specifications:

- ▶ **Dimensions:** Length: 170 mm  
Diameter: 82 mm
- ▶ **Power requirement:** 10 - 28 VDC
- ▶ **Operational mode:** 8 data bits with  
2,400 bauds and  
1 stop bit,  
dew point and  
temperature
- ▶ **Cable length:** max. 15 m
- ▶ **Measuring range:** -80/+20°C dew point  
-20/+40°C temperature
- ▶ **Accuracy:** dew point  $\pm$  1.0°C at  
-70°C < DP < +20°C  
temperature  $\pm$  0.3°C
- ▶ **Resolution:** dew point  $\pm$  0.1°C at  
-70°C < DP < +20°C  
temperature  $\pm$  0.1°C
- ▶ **Ambient  
temperature:** -40°C / +70°C
- ▶ **Operating  
temperature:** -20°C / +40°C
- ▶ **Operating pressure:** max. 300 bar