

# CDC

## INTELLIGENT HUMIDITY TRANSMITTER FOR DUCT APPLICATIONS

Art.-Nr. 2559251



- Cover and probe 15mm made of Polycarbonat
- Unique capacitive sensor element
- Supported by a microcontroller
- Mounting material, cable gland and duct sealing inclusive

### POWER SUPPLY

Operating voltage	24 VDC/VAC 50/60 Hz $\pm$ 10%
Power consumption	max. 2 VA

### SENSINGPROBE

Sensor	Capacity sensor element
Range	0...100% r.H.
Lenght sensing probe	160 mm
Accuracy	$\pm$ 3% at 20...80% r.H. and 25°C
Repeatability	$\pm$ 0.1%

### ENVIRONMENT

Humidity	< 95% r.H.
Temperature	- 40...70°C

### SIGNALS

Output signal	0...10 VDC / 0...20 mA 2...10 VDC / 4...20 mA
Load	Voltage signal: $\geq$ 1k $\Omega$ Power signal: $\leq$ 500 $\Omega$

### STANDARDS

Protection to EN 60529 / Safety class	IP 60 / III (IEC 60536)
CE	EN 61 000-6-1 EN 61 000-6-3

