



## AFTI

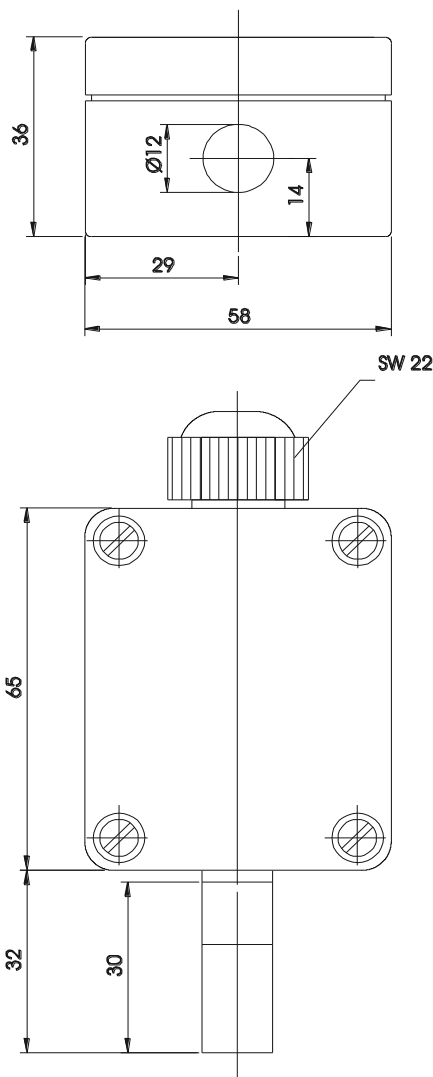
### Outdoor Humidity Sensor 4 ... 20 mA

#### Application:

The transmitter AFTI was designed for accurate humidity and temperature measurements with an output standard signal of 4...20 mA. This transmitter can be used in HVAC and industrial applications. A durably trouble free usage is ensured if the transducer is used only in pollutant-free air.

#### Technische Daten:

Humidity:	0 ... 100% r. H. (4...20 mA)
Working Range Humidity:	10 ... 95% r. H.
Temperature:	-20 ... 50°C (4 ... 20 mA)
Temperature range:	Storage: -25 ... 60°C Working: -25 ... 55°C
Sensor break:	< 3,5 mA
Sensor short:	> 30 mA
Resistive Load:	$R_{Load} \leq 500 \Omega$
Humidity sensor:	capacitive
Sensor protection:	sintered bronze filter
Accuracy Humidity:	$\pm 3\%$ r. H. (25 ... 95%); at 23°C
Temperature sensor:	Pt100
Accuracy Temperature:	$\pm 0,3^\circ\text{C}$ at 23°C
Housing:	Plastics
Protection class:	IP 65 according DIN 40050
Mounting:	Wall
Supply:	24 VDC $\pm 20\%$



**Terminals:**

- 1: Supply + 24 VDC
- 2: Output r. H.
- 3: Output Temperature

