

1. TS-H

Temperature and humidity sensor



Model number:

TS-H

1.1. Features

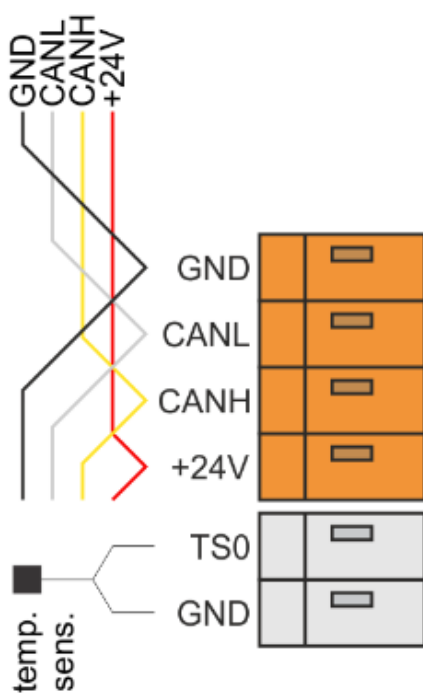
- IEX-2 module
- temperature and humidity sensor
- 1 temperature sensor input

1.2. Technical specification

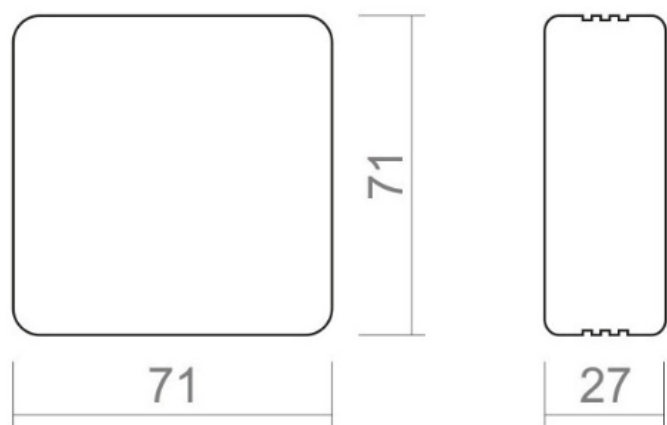
Temperature measurement:	range: 0°C to +50°C
	error: $\pm 0.5^{\circ}\text{C}$ typ. (0°C to +50°C)
	$\pm 2^{\circ}\text{C}$ max. (0°C to +50°C)
	resolution: 0.1°C (12 bit)
	readout: 0.1°C (254 equals 25.4°C)
Humidity measurement:	range: 0..100% rh, non-condensing

	error: $\pm 2\%$ rh @ 25°C
	stability $\pm 1\%$ rh @ 50% rh in 5 years
	resolution 1% (7 bit)
	readout 1% rh (45 equals 45% rh)
External temperature sensor:	ES-P, ES-B or ES-W
Power supply:	24V (18..28V), 15mA
Operating conditions:	0..50°C, 0..85% rh non-condensing
Degree of protection:	IP20
Storage temperature:	-20..75°C
Weight:	80g
Standards:	EN 60730-1

1.3. Terminals



1.4. Dimensions



1.5. Mounting

