

## humidity measurement

### humidity sensor FTS 191

#### features

- humidity sensor for ventilation- and climate industry
- capacitive sensor element for humidity- and temperature measurement
- robust industrial design, connection housing
- high long-time stability
- small hysteresis, good dynamic attitude
- maintenance free
- optional with PT 100 (other sensors on request) or analog output 0...10VDC, 4-20mA

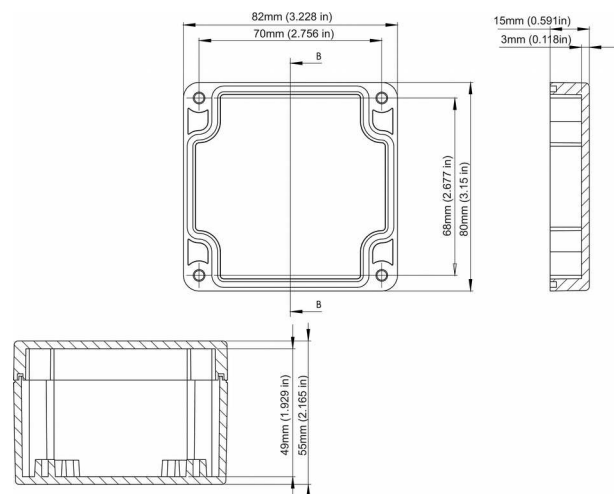


FTS 191-B-C

#### technical specifications

measuring range:	0...100%rF
accuracy:	+/-2%rF
temperature action:	+/- 0,05%rF/K
min. air speed:	0,5m/sec
voltage supply:	10...30VDC at output 4...20mA
output:	4-20mA
protection class housing:	IP65
material sensor pipe:	plastic PC
material sinter filter:	PTFE

#### dimensions:



order-code FTS 191...

order example: FTS 191-B-B

#### output measuring value and power supply humidity

- A output 0...10V, supply 12...30VDC
- B output 4...20mA, supply 12...30VDC

#### optional

- 0 no options
- A with temperature sensor PT 100
- B with temperature sensor NI 1000
- C with temperature sensor PT 100, output 0...10VDC
- D with temperature sensor PT 100, output 4...20 mA