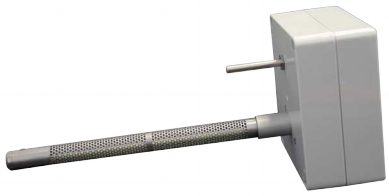
humidity sensor FTS 201 „High-Line“

features

- humidity sensor for rooms (also rooms for maturation) and air ducts
- absolut water resistant, also for assembly in extreme wet areas
- no damage at immersion
- fiber sensor element, consisting of 90 single fibers
- sensor for canal assembly and wall assembly
- robust design, sensor housing stainless steel with plastics connection housing
- high long time stability
- small hysterese, good dynamic attitude
- optional with PT 100 (other sensors on demand) and analog output 0...10VDC, 4-20mA

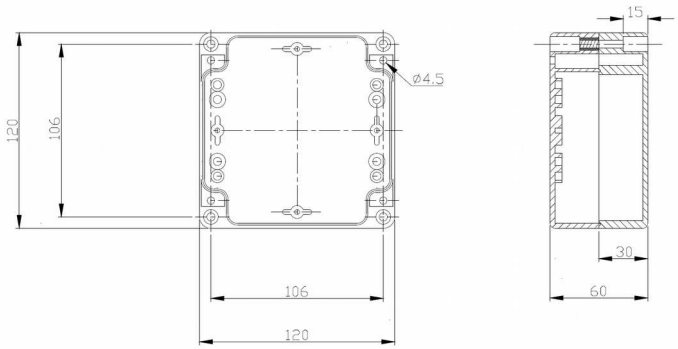


FTS 201-A-A

technical specifications

measuring range:	0...100%rF
accuracy:	+/-2,5%rF
operating range:	30...100%rF
max. air speed:	8m/sec
max- temperature	80°C, other ranges on request
measuring range PT100	standard 0...100°C (other ranges on request)
voltage supply:	24VAC/DC at output 0...10VDC 15...30VDC at output 4...20mA
output:	0...10VDC or 4-20mA selectable
material sensor pipe	stainless steel
material class adapter housing	ABS light grey
protection class adapter housing	IP64

dimensions:



installation- and assembly advice

Please avoid closeness to windows, heatings and other heat sources at assembly. The sensor can be hung up direct on cable. At too much settled dust dynamic attitude can adulterate.

order-code FTS 201... order example: FTS 201-A-0-C

output measuring value and power supply humidity

-A output 0...10VDC, supply 24VAC/DC
-B output 4...20mA, supply 15...30VDC

option 1 (internal PT 100)

-0 no otions
-A with temperature sensor PT 100 range 0...100°C = 0...10VDC output
-B with temperature sensor PT 100 range 0...100°C = 4...20mA output

option 2 (external PT 100, measurement range selectable)

-0 no otions
-A with temperature sensor PT 100 range 0...100°C = 0...10VDC output
-B with temperature sensor PT 100 range 0...100°C = 4...20mA output
-C with temperature sensor PT 100

Accessories (please order with new device)

PTFE filter item number 99-000143

promesstec GmbH * Niedersachsenstraße 4 * 48465 Schüttorf * Tel.+49(0)5923/ 90229-0 * Fax +49(0)5923/ 90229-29 * E-Mail: office@promesstec.com * Internet: www.promesstec.com