

weber Sensors has been a leading manufacturer on the sensor market worldwide for more than 60 years.

Under the trademark **captor®** we develop, produce and distribute sensors for monitoring and measuring of liquid and gaseous media as well as inductive proximity switches and hot metal detectors. **vent-captors** are used in different applications, for example the steel industry, metals and mining, air conditioning, renewable energy, transport, air treatment and food industry.

weber Sensors GmbH in Germany as the main production site manufactures according to DIN EN ISO 9001:2015.


















Below is a selection of our loyal long-time business partners:
















captor products are sold worldwide directly, but especially through our authorized distribution network.

captor sales partners can be found in the following countries:













Europe

-  Austria
-  Belgium
-  Denmark
-  East Europe
-  Finland
-  France
-  Greece
-  Great Britain
-  Italy
-  Netherlands
-  Norway
-  Portugal
-  Romania
-  Spain
-  Sweden
-  Switzerland
- Africa**
-  South Africa




Asia

-  China
-  Hong Kong
-  India
-  Indonesia
-  Iran
-  Israel
-  Japan
-  Malaysia
-  Saudi-Arabia
-  Singapore
-  South Korea
-  Taiwan
-  Turkey



North America

-  Alabama
-  Arizona
-  California
-  Canada
-  Colorado
-  Georgia
-  Illinois
-  Massachusetts
-  Ohio
-  Pennsylvania
-  South Carolina
-  West Virginia

South America

-  Argentina
-  Columbia
-  Peru

Oceania

-  Australia
-  New Zealand



vent-captor
sensors for air and other gases

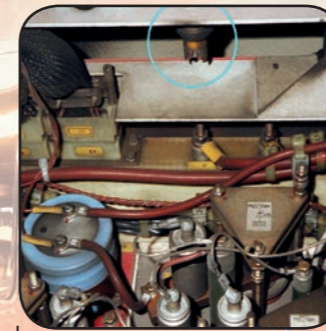
VENT captor

The **vent-captor** is a flow sensor for monitoring or measuring air and other gases. This compact, electronic sensor operates according to the calorimetric principle and has no mechanically moving parts. It detects the flow velocity of the medium and converts it into an electrical signal. Due to its reliability and long-term stability the **vent-captor** has proven itself over several decades. It is available with a large option to suit customer requirements.

- measuring ranges from 0 - 5 m/s up to 0 - 50 m/s
- detection of lowest flow rates
- versions for high temperature available
- high measurement accuracy
- shock and vibration resistance
- robust industrial design
- encapsulated electronics
- easy to install and simple handling
- certified according to DIN EN ISO 9001:2015

Data sheets can be found at www.captor.com.

Applications



railway application
monitoring of forced ventilation of power electronics, brake resistors and passenger compartment ventilation



air conditioning and ventilation systems
monitoring of fans, blowers and filter mats



energy-saving installations
air volume control



use in clean room technology
filter monitoring, dosing systems

Insertion type

for pipe diameters larger than 1.5"



3202.0x - flow switch
3202.3x - flow meter
(4 - 20 mA or 0.1 - 10 V analogue output)

3205.3x/xx - flow meter in stainless steel housing for compressed air/gas up to 10 bar

3205.3x/xx S102
flow meter in stainless steel housing with cooling fins for medium temperature up to 100 °C/212 °F

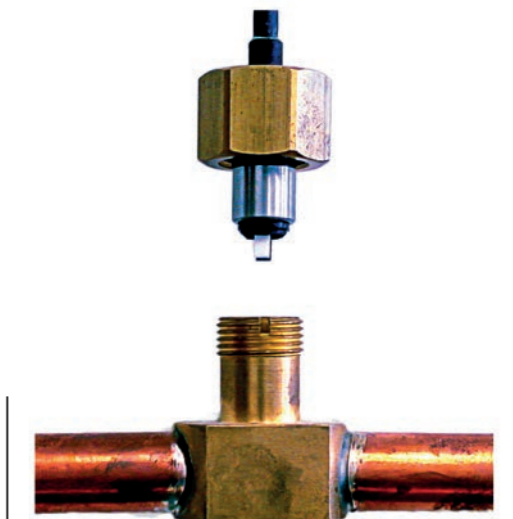
mini vent-captor

for pipe diameters
from ID10 to ID15 (3505+3022.30/xx)
from ID19 to ID25 (3506+3022.30/xx)



3022.30

mounting adapter



Inline version

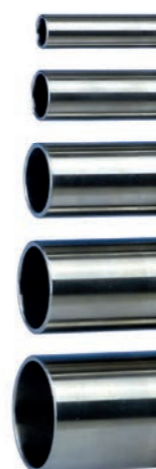
for small pipe diameters



vent-captor 3302.xx/xx
inline flow meter or switch

The tube is made of stainless steel 316Ti.

pipe cross-sections (all in mm): 8 x 1;
12 x 1; 18 x 1.5; 22 x 1.5; 28 x 1.5



remote system

is used where special protection of the electronics is required.

- standard version up to 130 °C/266 °F
- PEEK-head up to 200 °C/392 °F



flow meter

3205 S124 + 3002.30 S124 (PEEK)