weber
Sensors GmbH

over 60 years of sensor expertise captor®

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:

ERIKS BOMBARDIER ebmpapst FRERK

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

LICO

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Tel.: +43 1 706 4300

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H-2030 Erd, Hungary
Email: sales@lico.hu / sales@lico.at
Tel: +36 23 520 138

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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.de.

Applications

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

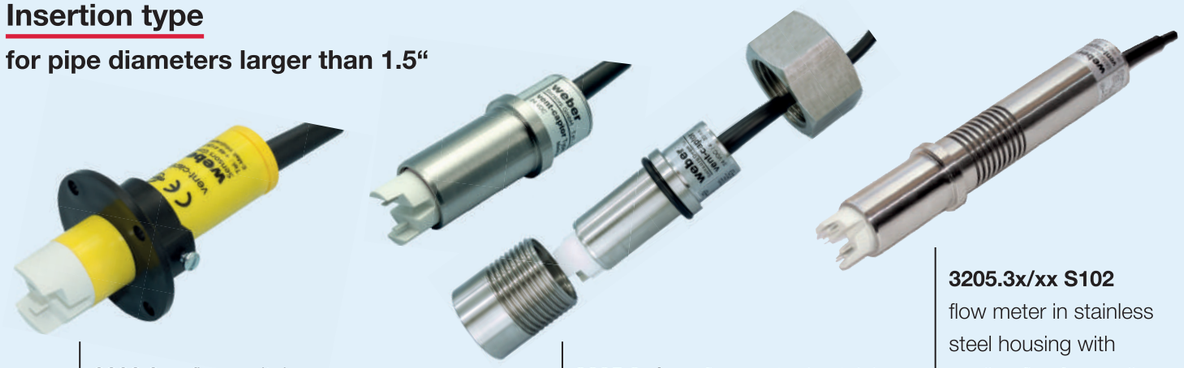
air conditioning and ventilation systems
monitoring of fans, blowers and filter mats

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)

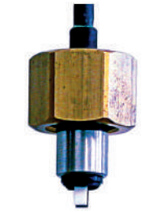
3205.3x/xx - flow meter in stainless steel housing for compressed air/gas up to 10 bar

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

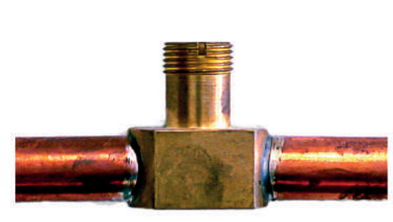
mini vent-captor

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

3022.30



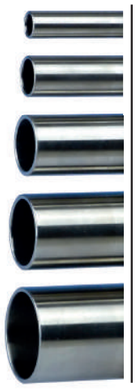
mounting adapter



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)