

weber Sensors is a worldwide leading manufacturer of sensors for over 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. **flow-captors** are used in different applications, for example the steel industry, metals and mining, wind power plants, transport branch as well as water 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

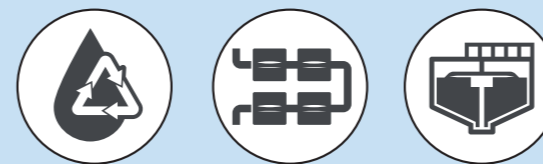
-  Alabama
-  Arizona
-  California
-  Canada
-  Colorado
-  Georgia
-  Illinois
-  Massachusetts
-  Ohio
-  Pennsylvania
-  South Carolina
-  West Virginia

South America

-  Argentina
-  Brazil
-  Columbia
-  Peru

Oceania

-  Australia
-  New Zealand



flow-captor

sensors for water and other liquid media

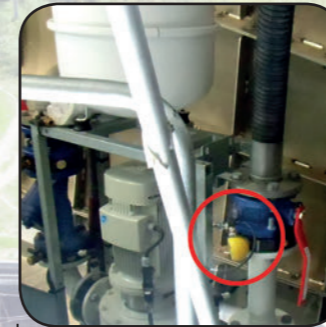
FLOW captor

The **flow-captor** is a flow sensor for monitoring or measuring water, oil and other liquid media. This compact, electronic sensor works according to the calorimetric measuring principle without 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 **flow-captor** has proven itself over several decades. It is available with a large option to suit customer requirements.

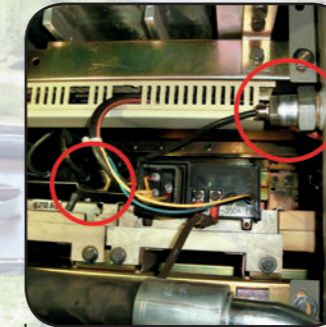
- separate adjustment of range and set-point
- analog display of flow rate and limit value
- detection of lowest flow rates
- high measurement accuracy even under low flow conditions
- large range of medium temperature
- high pressure resistance
- robust industrial design
- encapsulated electronics
- also for large pipe diameters
- available with separate evaluation unit
- easy to install and simple handling
- certified according to DIN EN ISO 9001:2015

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

Applications



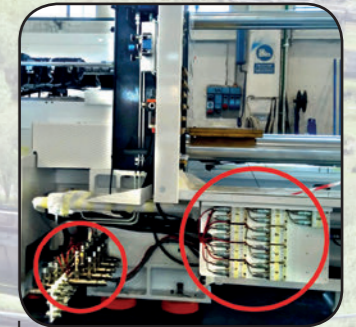
wind turbines
monitoring the cooling circuit of power generators



locomotives and traction units
monitoring oil cooling circuits of power converters and transformers



coal mining
monitoring of water spray system



tool and mould making
monitoring the cooling circuit from plastic injection moulding machines

Insertion type

for pipe diameters larger than 1.5"



412x.1x
flow switch with analog flow display



412x.1xM
flow switch in stainless steel housing



4120.1xA S114/xx S110/xx Tri-Clamp®
flow switch for the food industry



4115.3x
flow meter with analog output 4-20 mA or voltage output 0.1-10 V

Sensors with additional temperature output

analog, digital or PT100



4120.30
flow meter with RS-485 Modbus RTU



4220.xx F/xx T xx °C
flow switch with simultaneous temperature monitoring



4220.13M
flow switch with PT100 temperature detecting element

Inline version

for small pipe diameters

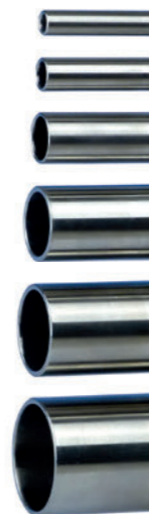


432x.1x/xx
flow switch with analog flow display



4311.30/xx
flow meter with analog output 4-20 mA

The tube is made of stainless steel AISI 316.
outer pipe diameter (mm):
6 x 1, 8 x 1, 12 x 1,
18 x 1.5, 22 x 1.5, 28 x 1.5

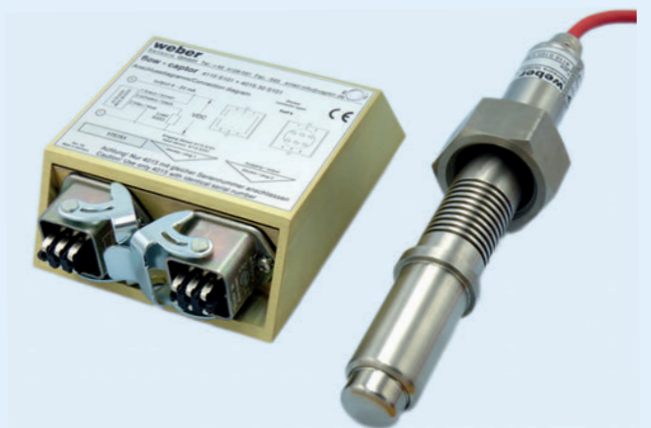


Remote systems

are used where special protection of the electronics is required.



4205 + 4053.31
flow and temperature sensor for oil-based media



4115 S101 + 4015.30 S101
flow meter with cooling housing for medium temperature up to 135 °C / 275 °F