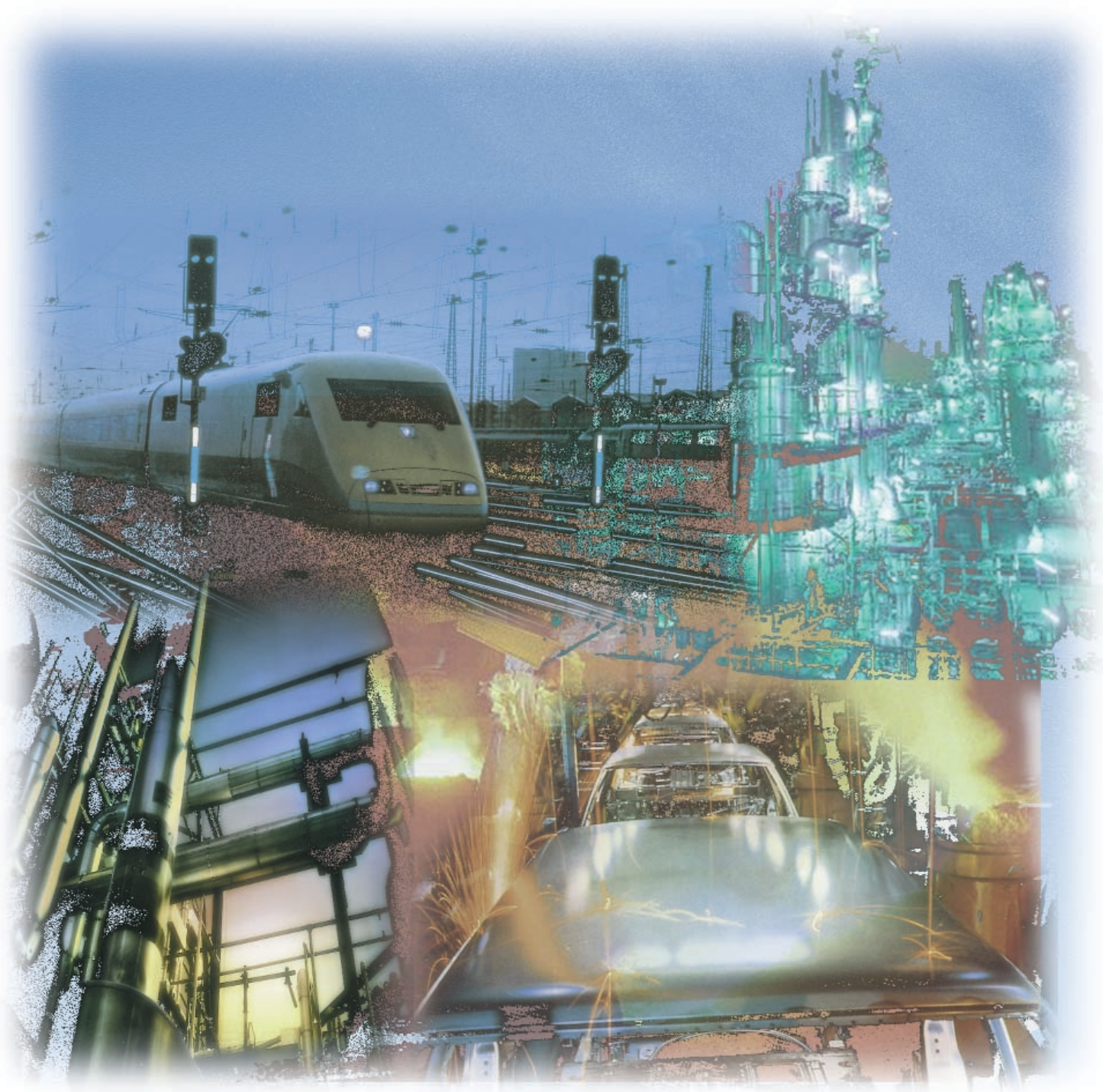


## Sensor Competence - an Overview



monitoring - controlling - regulating - measuring

## flow-captor

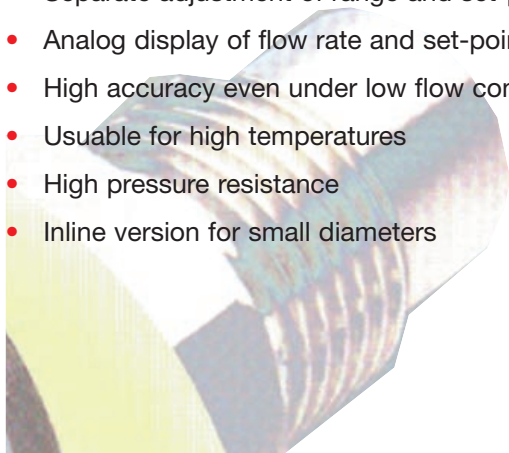
The flow-captor is a compact, rugged and reliable flow sensor with proven reliability and long-term stability. Operating according to a calorimetric principle the flow-captor offers a level of performance, especially at low flow rates, not comparable with instruments employing different operating principles. The flow-captor is available in a range of many different models.



flow-captor 4120.13

## Metering Flow Switch with Analog Display

- For liquid media
- Compact and inline version
- Separate adjustment of range and set-point
- Analog display of flow rate and set-point
- High accuracy even under low flow conditions
- Usuable for high temperatures
- High pressure resistance
- Inline version for small diameters



Inline flow-captor 4320.13

## - Stainless Steel Version



- For liquid media - also aggressives
- Rugged industrial construction with stainless steel housing
- High class protection IP 67
- Standard industrial connector M12x1
- Inline version available in 4 different pipe sizes
- Standard models for AC and DC supply voltage

flow-captor 4120.13 M





## Programmable Mass Flow Measuring System



- For liquid media - also aggressives
- Inline version
- Flow rate and temperature measurement
- Analog current outputs 4 - 20 mA
- Applicable as a two-point controller for max. and min. flow limit values
- Display of flow rate, temperature and limit values

Inline flow-captor 4460.38

## Flow Meter Compact / Inline

- For liquid media - also aggressives
- Rugged industrial stainless steel sensor
- Large measuring range - fully adjustable
- High accuracy even at low flow rates
- Inline unit available in 4 different pipe sizes



Inline flow-captor 4311.30



flow-captor 4115.30

## vent-captor



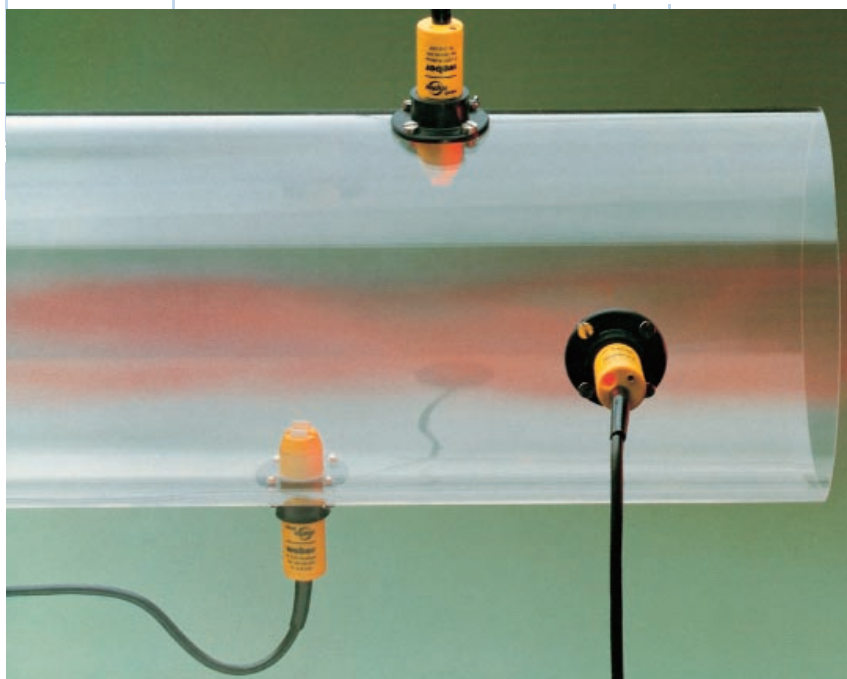
The vent-captor is a flow monitor/meter for all applications where air as an industrial medium has to be monitored or measured. This compact, electronic unit operates on a calorimetric principle with no mechanical moving parts. It converts the air flow conditions into electrical signals.

## Flow Monitor/ Flow Meter

- For air and gaseous media
- Rugged industrial version
- For high pressure available in stainless steel housing
- For high temperature as a remote system
- Large measuring range up to 30 m/s
- Compact and inline version
- Suitable for low flow rates
- High accuracy and repeatability



vent-captor 3202.30



vent-captor monitors and meters can be installed simply into any air flow and perform reliably even under the harshest application conditions.



vent-captor 3202.03/ Metal PG 21

## foto-captor

The foto-captor is a hot metal detector (HMD) which, for decades, has been operating successfully worldwide in the steel industry.



### Infrared Switching System ( HMD )

- For hot areas of the steel industry
- Various application possibilities
- Temperature response from 270°C to 800°C
- Rugged industrial version
- Compact and remote systems
- Programmable Systems

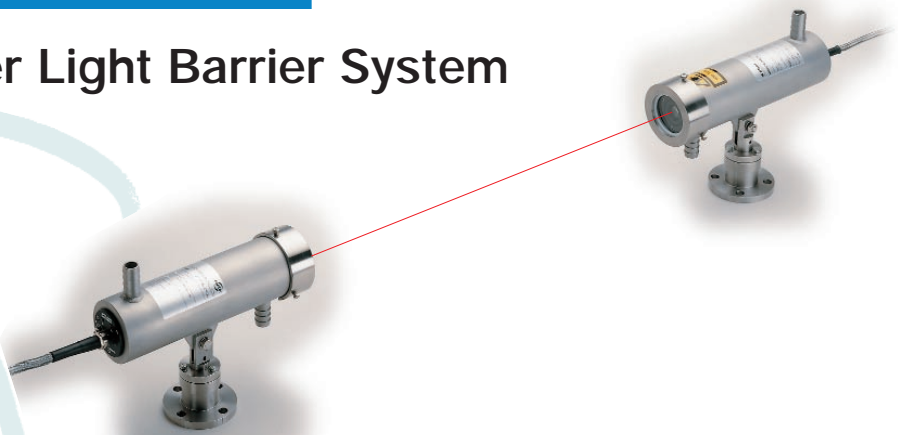
### IR-Light Barrier System

- For cold areas

## laser-captor

### High Performance Laser Light Barrier System

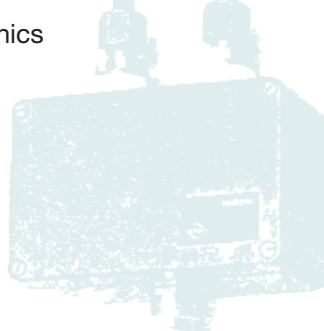
- Powerful pulsed laser system
- Rugged design for operating in harsh environments
- Reliable, maintenance free
- Highest protection standard, laser class 1



## proxi-captor

### Inductive Proximity Switch and Meter

- For large switching distances up to 250 mm
- Self-adjusting or adjustable
- Rugged, fully encapsulated electronics
- Plastic or aluminium housings
- For high ambient temperature
  - up to 200°C
  - cooled coils up to 1000°C
- Compact and remote systems
- Customized versions





## captor worldwide

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For decades captor has stood for advanced industrial sensor technology.

captor, originally conceived for the extreme demands of the iron & steel industry, defined the performance expected of a modern sensor: reliable and precise long-term operation under harsh industrial conditions.

foto-, proxi-, laser-, vent- and flow-captors mark the development of important automation in key industries. Nowadays leading industrial enterprises throughout the world employ captors to ensure the highest level of operational security.

Sales and service centres around the globe provide local support for weber customers and provide proof of captor's strength in the international market.

Steady investment in development and logistics guaranty that captor will, in the future, continue to represent the state of the art in sensor technology.

**captor - so that you can depend on your plant.**

Certified in accordance with DIN ISO 9001

[www.captor.com](http://www.captor.com)

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**CASCADIA**  
INSTRUMENTATION INC.

Suite 383, 7360 - 137 Street  
Surrey BC V3W 1A3

Phone: (778) 578-7956

[Sales@Cascadia-Instrumentation.com](mailto:Sales@Cascadia-Instrumentation.com)

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Sensors GmbH · Strohdreich 32 · D-25377 Kollmar · Tel.: +49 4128-591 · Fax: -593

Sensors Ltd · 4 Union Street · Southport · Merseyside PR9 OQE · UK · Tel.: +44 1704-548706 · Fax: -533956

Sensors Inc · 2230 Towne Lake Pkwy., Bldg. 900, Suite 200 · Woodstock, GA 30189 · Tel.: +1 (770) 592-6630 · Fax: -6640