The - R function

for the flow-captor

The “- R” flow-captor revolution is for the flow industry.
Revolution is a strong word – but is true.

General

The “- R” is a short for RELATIVE.
RELATIVE is new for the flow industry. RELATIVE is were the reading of the flow depends on something else. For example: when the P-R 50 is set to your present flow speed - no matter with it is, like 100% flow speed - Then the RELATIONSHIP to your flow speed is depending on your application. The RELATIONSHIP can be by time, by the flow-speed or by special event.
You decide what “- R” is important to you and we will help you.

The - A and - R Relationship

To fully explain - R, you must understand it’s opposite and that is - A.
- R is RELATIVE, - A is ABSOLUTE. Normally we measure flow in Gal/min or L/min, that is normal, that is an ABSOLUTE value. All flow measuring units are the same as ABSOLUTE.

ABSOLUTE measuring systems comes in the form of - A and - M.

A flow-captor with a type code with **P-A 50** is an ABSOLUTE measuring system with Gal/min or L/min between zero flow and max 3m/sec and this flow-captor can show you the present flow rate, in say 1.5m/sec. You can set the set-point between zero and 3m/sec according to your needs.

A flow-captor with a type code with **P-M 50** is an ABSOLUTE measuring system with Gal/min or L/min measuring the flow rate in Gal/min or L/min.

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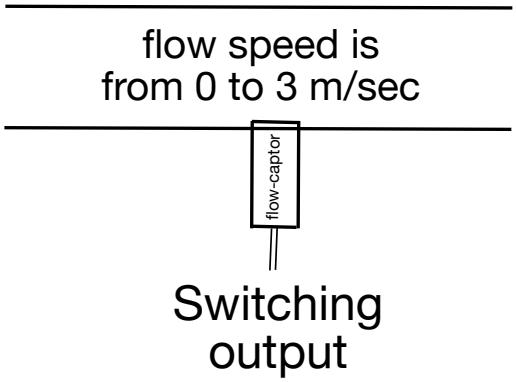
- A -captor

- A captor is an analogue switch captor.
- A 50 captor measures the flow speed with a LED display.

You set the alarm point between 0 to 3m/sec. When the flow rate reaches that point, the alarm goes off. The alarm set point can be for over flow or under flow.

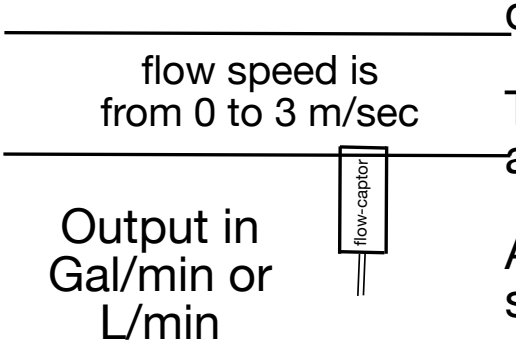


- M -captor

- M captor is an analogue metering captor.
- M 50 captor measures the flow speed and displays to you in Gal/min or L/min.

The flow speed is fixed between 0.5 m/sec and 3 m/sec according to the type code.

Another type of - M captor has a variable speed range. For example, 0-1m/sec.



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- R first input is the present flow-rade=100%
that is our basis point for flow measering.

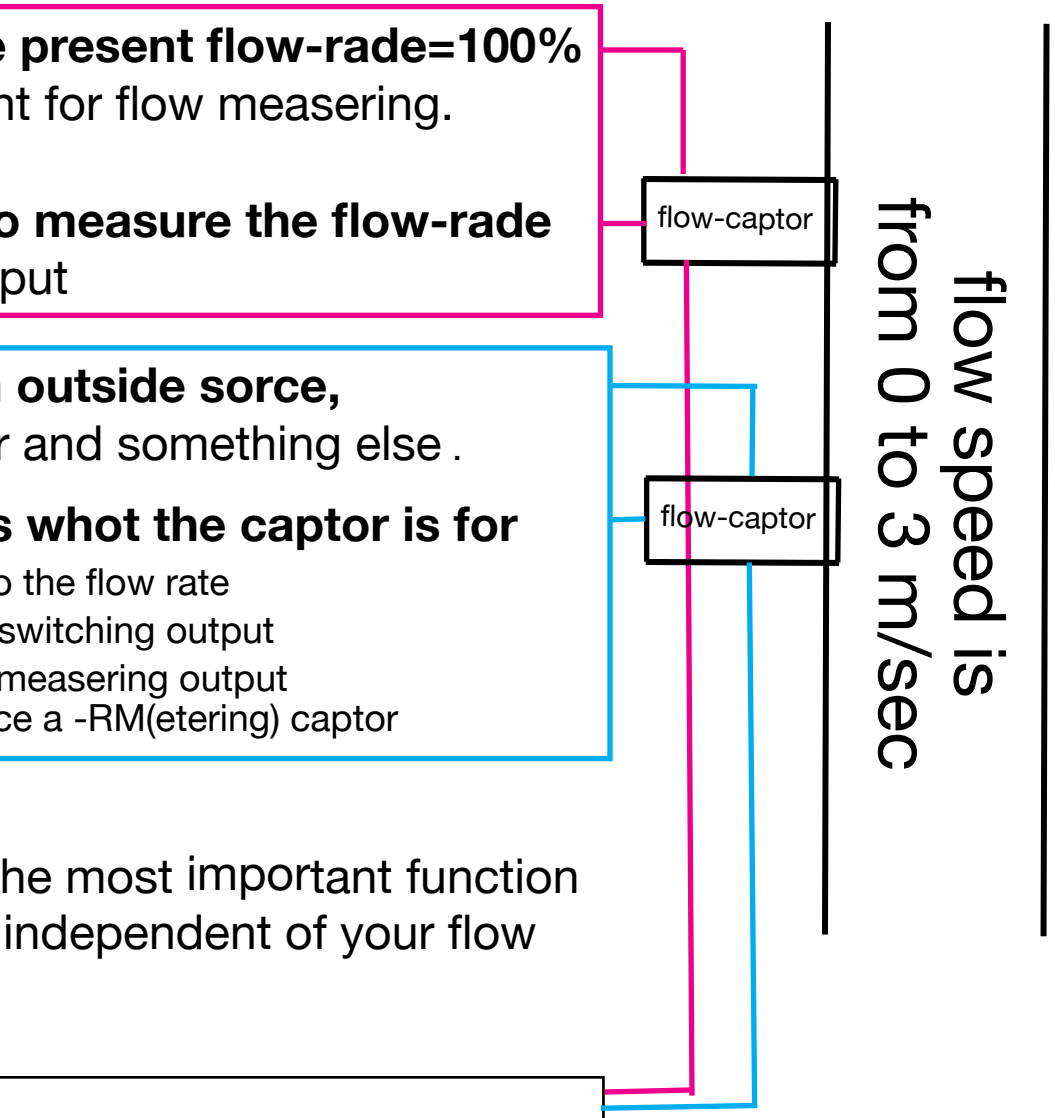
the second input to measure the flow-rade
relative to the first input

- R first input from outside sorce,
like time, temparatur and something else .

the second letter is whot the captor is for

R is R to the flow rate
A is for switching output
M is for measering output
like -RM is a outside sorce a -RM(etering) captor

- R, the relative is the most important function for your process, - independent of your flow



Output
when your R is set, the ouput signal is on and the
the switching point is on, then your flow rate pased the setpoit.

see our type code

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The green captor

The red captor with the -R function is known - for example - with the P-R 50. That is only with the flow conditions.

The green captor is different.
The -R function is more versatile. Any think whot you think is related to the flow related, like date, temperatur and what you thing is importend, can trigger the flow-captor wether in a -R, -A ot a -M captor.

The flow-captor can be used in a loop systems and an open systems. An open systems with a liquid can off and on and metering, i can see a lot of applications.

You have whot you need on your computer, any thing what is importent for your business. An when anything happen to your flow-rate, you can send this signal to our -R computer - that is easy.

The green -R captor get a signal from your computer and get ready for your -R setting - what aver that is.

The green -R captor is a saving energy.

This captor that you trigger with your computer, is a “green captor” in a real sense.

With this green captor
you can safe energy for you environment

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