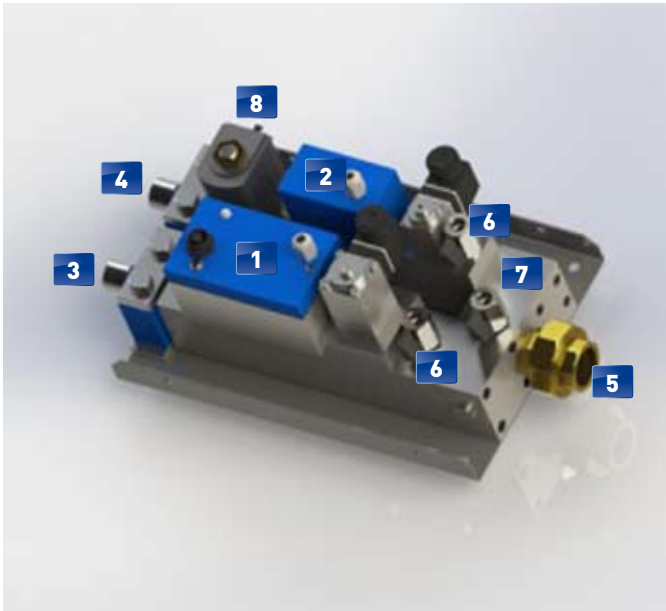


## Gas Mixing Module



Gas Mixing Module	
1	1st. flox[on] e.g. flox[on] S
2	2nd. flox[on] e.g. flox[on] B
3	1st. gas inlet
4	2nd. gas inlet
5	gas outlet for mixed gas stream
6	gauge connection
7	gauge connection
8	solenoid valve



**flox[on] S**



**flox[on] B**

### 1 General

The module allows to mix two different non korrosive gas streams, accurately and independent from changing pressure situations on the gas outlet side.

Heart of the module are two mass flow controller of the flox[on] series.

The measurement of the flox[on] mass flow controller is temperature and pressure compensated with a very high control accuracy in the lower and upper flow ranges.

The adjustment control of the flox[on] mass flow controller uses a pressure compensated proportional valve of the most recent design, which makes it unsusceptible to pressure fluctuations in the in- and outlet.

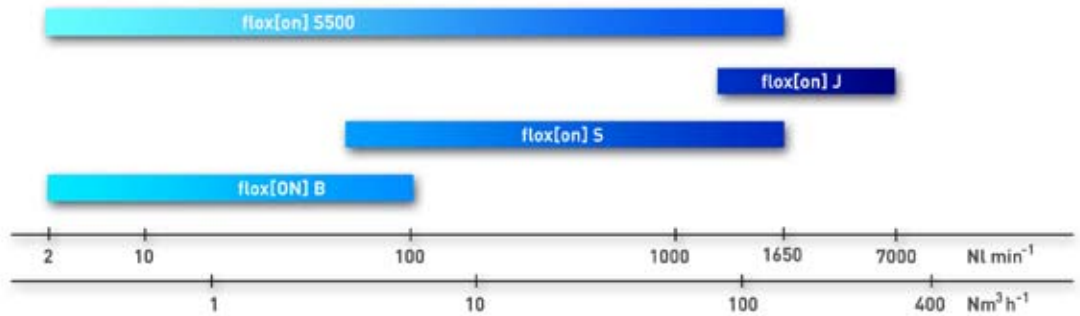
The flox[on] mass flow controller is equipped with a high-performance micro-controller. This guarantees an unusually quick and dynamic regulation.

FC Technik guarantees for every flox[on]:

- Extremely high accuracy in lower flow range
- Pressure insensitive from 0-16 bar (in- and outlet)
- Maintenance free
- Factory guarantee 24 months

## 2 Specification

Depending on customers requirements it is possible to combine different types of flox[on] to cover a range of 2 up to 7000 NL/min gasflow.



Data	
Power supply	100...250 VAC
Gas Supply	4...16 bar
Working gases	all non corrosive gases like Nitrogen, Oxygen, Hydrogen, Argon
Connections	1/2" FBSP, or any other

## 3 Advantages

- Low operation costs
- Low investment costs
- Maintenance free
- Easy to handle
- Safe operation
- Constant mixing results

# FCTechnik

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