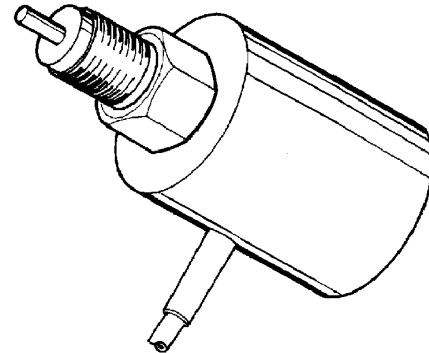


The flow sensor controls liquid media and indicates flow failure resp. deviation from a free adjustable flow velocity. The sturdy stainless steel casing serves for heat transfer in the calorimetric measuring principle. The integrated electronic unit makes possible:

- simple commissioning
- safe detection of condition
- maintenance-free operation

LEDs show the required safety margin for operation, i. e. if the difference between the flow existing and the limit value set renders possible a trouble-free operation



Technical Data

| | |
|--|---|
| Type | FKF 704.86 G |
| Art.-No. | 8393A |
| Output | n. o. / n. c. switchable |
| Adjusting range | 30 - 3000 mm/s |
| Pressure resistance | 100 bar |
| Response time | approx. 1 to 15 s |
| Readiness delay | 45 s |
| Supply voltage | 230 V AC |
| Power frequency | 45 - 65 Hz |
| Load current max. | 0,5 - 400 mA |
| Short circuit protection | yes, pulsing |
| no load current | max. 80 mA |
| Voltage drop | 2 V |
| Ambient temperature | 0 to +80 °C |
| storage temperature | -40 to +100 °C |
| Protection class | IP 67 |
| Connection | 2 m cable |
| Indication of safety margin for operation (flashing LED) | +30 % LED green -30 % LED red at approx. 300 mm/s |
| Housing material | sensor stainless steel V2A 1.4305 electronic unit plastic |

| LED green Flow + | LED red Flow - | LED yellow = output +24 V dependent on switch position | | Flow |
|----------------------|-------------------|---|-------|--|
| | | n. c. | n. o. | |
| ● | | | ● | ok., with operation safety margin |
| ○ | | | ● | ok., near to switchpoint |
| | ○ | ● | | low, near to switchpoint |
| | ● | ● | | failure |
| indication see above | | ○ | ○ | output pulsing in case of overload |
| ● | ● | | ● | readiness delay after application of service voltage |

● = LED steady light ○ = LED flashing

Diagram of Connections

AC 3-Draht Öffner + Schließer programmierbar

