

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

16.03.1999 Details are subject to change without notice.

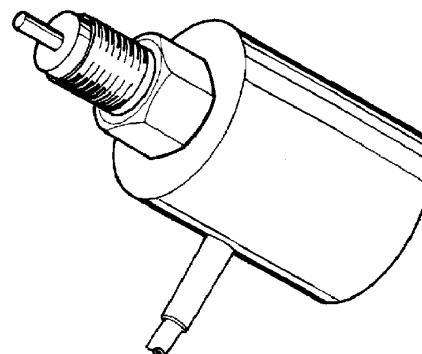
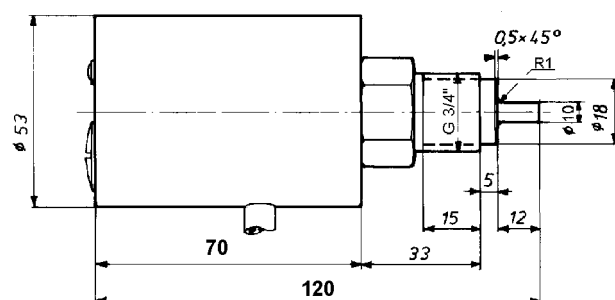
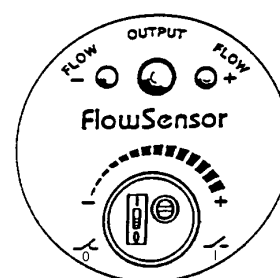
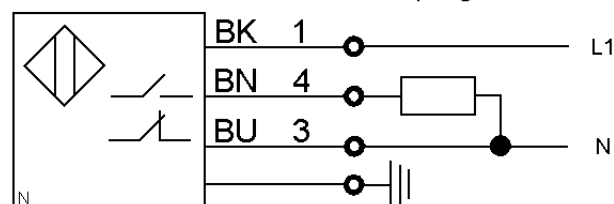


Diagram of Connections

AC 3-Draht Öffner + Schließer programmierbar



WG 830