

### Flow Sensor FHK

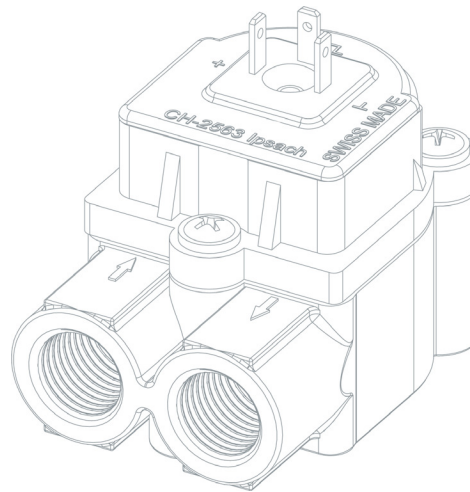
The universal Riels Classicline FHK or FHKU is used in practically every imaginable field, such as in the foodstuffs, chemical, industrial and semiconductor sectors.

The two versions differ in the position of their connections: In the FHK, they are side by side, while in the FHKU, they are opposite each other.

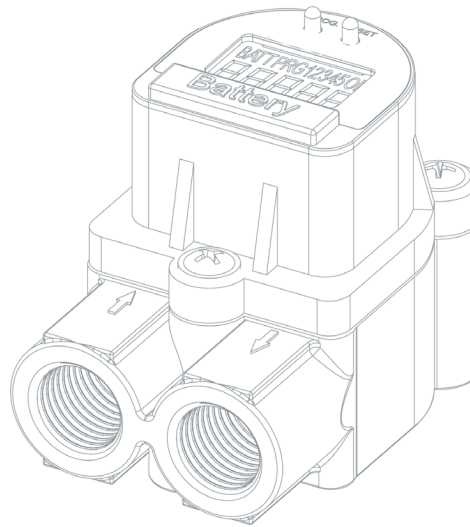
This flow sensor is available in many different configurations and can easily be adapted to meet special customer requirements. The newly developed ceramic bearing is also suitable for applications requiring continuous day-and-night operation.

The Classicline FHK and FHKU are also available with a display to enable simple, direct monitoring of the flowing medium. This display can be integrated into the upper part of the device, or it can be delivered separately and connected via a cable.

This device is ideal for applications such as checking for compliance with maintenance cycles in water filters due to its many functions, such as count-down, count-up, display of instantaneous flow rate, timed control and data storage.



FLOW SENSOR FHK  
THE ALL-ROUNDER



FLOW SENSOR FHK  
LCD - COMPACT  
EVALUATION

### Technical information

#### Flow Rate l/min

Nozzle	Min	Max
1.0 mm	0.03	0.60
1.2 mm	0.03	0.75
2.0 mm	0.10	2.30
2.5 mm	0.15	3.80
5.6 mm	0.18	8.30

Output Signal: Pulse

#### Material:

PBT (Arnite), PPS (Ryton), PA (Grivory), PVDF

Application examples: Chemistry, Industry, Semiconductor Industry, Beverage

Tutti i dati ed i contenuti di questa scheda sono di proprietà esclusiva di Riels Instruments


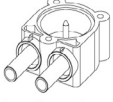
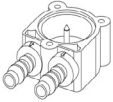


	FHKC	FHK	FHK flat	FHK Chemistry	FHK HighFlow

#### Housing Material

	FHKC	FHK	FHK flat	FHK Chemistry	FHK HighFlow
PBT (Arnite)	STD	STD	STD	–	STD
PPS (Ryton)	•	•	–	–	•
PA (Grivory)	•	•	–	–	•
PVDF	–	–	–	STD	•

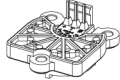
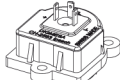
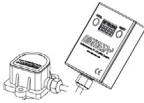

	FHKC	FHK	FHK flat	FHK Chemistry	FHK HighFlow
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**Process Connection**

 G 1/4" female	STD	STD	STD	STD	STD
 John Guest m/m	•	•	•	-	•
 hose nipple	•	•	•	-	•
 G 1/8" male	•	•	•	-	•
 flange	•	•	•	-	•


customer specific on request

**EI. Connection**

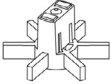
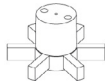
 Pancon Mas-Con	STD	-	-	-	-
 3 pin amp	-	STD	STD	STD	STD
Resistor 1.2k	•	•	•	•	•
3 pin amp LED	-	•	-	•	•
3 pin amp PNP	-	•	-	•	•
3 pin amp PNP/LED	-	•	-	•	•
cable	-	•	•	•	•
empty detection	-	•	-	-	-
Thermo	-	-	-	•	-
 Display extl.	-	•	-	•	•
 Display intl.	-	•	-	-	•

		FHKC	FHK	FHK flat	FHK Chemistry	FHK HighFlow
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### O-Ring

Silicone		STD	STD	STD	–	STD
EPDM		•	•	•	•	•
Viton		•	•	•	STD	•
Kalrez		–	–	–	on request	–


### Turbine

FT 36 2M		STD	STD	STD	–	–
Chem. 2M		•	•	•	STD	STD
Chem. 4M		•	•	•	•	•

### Bearing Pin

Inox 1.4305		STD	STD	STD	–	–
Inox 1.4571		•	•	•	–	–
PCTFE		–	–	–	STD	–
Ceramic		–	–	–	–	STD

### Nozzle

1.0 mm		•	•	•	•	•
1.2 mm		•	•	•	•	•
2.0 mm		•	•	•	•	•
2.5 mm		•	•	•	•	•
5.6 mm		STD	STD	STD	STD	STD