



DIGMESA
FHKSC
- THE
PROFITABLE
LIQUID
FLOW
SENSING
SOLUTION



Flow Sensor FHKSC Technical Information

The Classicline FHKSC is perfectly suited for applications requiring good quality at an attractive price, for instance in coffee machines for home use. It is installed on the pump's suction side. Its light-weight design and flexible choice of connection position perfectly match manufacturers' requirements. With millions of units shipped every year, this flow sensor is also extremely reliable: it has a return rate of practically zero.

Flow Rate l/min

| Nozzle | Min | Max |
|--------|-------|------|
| 1.0 mm | 0.033 | 0.40 |
| 1.2 mm | 0.075 | 0.56 |
| 1.8 mm | 0.075 | 0.89 |
| 2.0 mm | 0.112 | 0.90 |
| 2.7 mm | 0.330 | 3.13 |

Output Signal

Pulse

Material

PBT (Fiberglass Reinforcement), PVDF

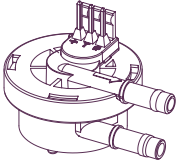
Application examples

Household Coffee Machines, Drink Dispensers, Chemicals

Housing Material

FHKSC STD

FHKSC Chemistry



PBT (Fiberglass Reinforcement)

STD

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PVDF

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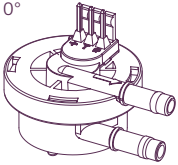
STD

Process Connection

0°

STD

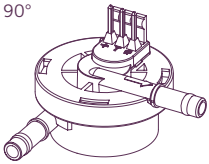
STD



90°

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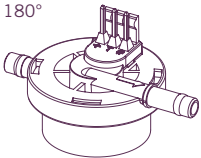
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180°

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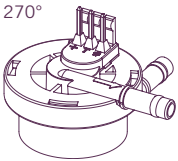
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270°

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**Options**

Steam-Protection

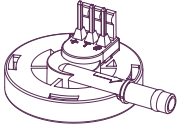
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EI. Connection

FHKSC STD

FHKSC Chemistry



20V Pancon Mas-Con

STD

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20V Pancon Mas-Con R1,2K

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24V Pancon Mas-Con

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STD

24V Pancon Mas-Con R1,2K

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O-Ring

Silicone

STD

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EPDM

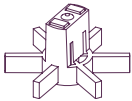
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FPM (Viton)

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STD

Turbine

PP FT 36 2M (wetted magnets)

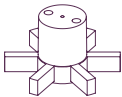
STD

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PVDF FT 36 2M (wetted magnets)

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PVDF Chem. 2M (sealed magnets)

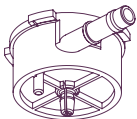
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STD

PVDF Chem. 4M (sealed magnets)

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Fixing

catcher, small

STD

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Fastening pin

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STD

catcher, large

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All measurements have been taken under ideal laboratory conditions.