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A close-up photograph of a brass flowmeter component, showing a black plastic cap with a screw and a brass body with a port. The text is overlaid on the right side of the image.

DIGMESA
FH
- THE
ORIGINAL
LIQUID
FLOW
SENSING
SOLUTION

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A WORLD OF FLOW

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Flow Sensor FH Technical Information

Coffee brewing is a fine art, especially when a consistent quality level is to be attained. Accordingly, it is critical to ensure that only high-quality materials are used in professional coffee machines. The Classicline FH meets even the most exacting standards. This proven flow sensor made of solid, lead-free brass provides dependable service for many years, even under the extreme conditions encountered in professional machines.

Flow Rate l/min

Nozzle	Min	Max
1.0 mm	0.038	0.58
1.14 mm (2000 imp/l)	0.087	0.85
1.2 mm	0.052	0.80
2.0 mm	0.097	2.32
2.5 mm	0.172	3.78
3.0 mm	0.083	4.66
4.0 mm	0.187	8.30
6.0 mm	0.416	11.55

Output Signal

Pulse

Material

Lower Part: Brass (food grade, uncoated), Upper Part: PA (Fiberglass Reinforcement)

Full Brass Lower and Upper Part

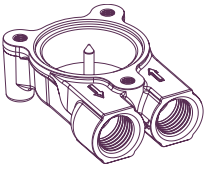
Application examples

Professional coffee machines, commercial ovens / bakery ovens

Housing	FH Flat	FH Flat Brass
Brass / PA (Fiberglass Reinforcement)	STD	-
Full Brass	-	STD

Process Connection

G1/4" BSP f/f	STD	STD
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3 x G1/4" BSP f/f (bypass)	•	•
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O-Ring

Silicone	-	STD
Viton	STD	•

Turbine

PVDF FT 36 2M (wetted magnets)	STD	STD
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Bearing Pin

Bearing pin Inox 1.4305	STD	STD
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Nozzle



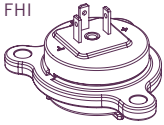
1.0 mm / PPS	•	•
1.14 mm / PPS	•	•
1.2 mm / PPS	•	•
2.0 mm / PPS	•	•
2.5 mm / PPS	•	•
3.0 mm / Inox 1.4305	•	•
4.0 mm / Inox 1.4305	•	•
6.0 mm / like housing lower part	STD	STD

El. Connection

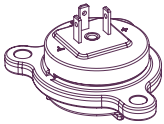
FH Flat

FH Flat Brass

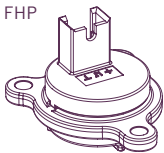
	FH Flat	FH Flat Brass
FHI	STD	STD



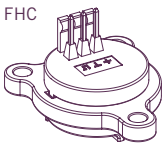
FHI (integrated 1.2k pull-up resistor)	•	•
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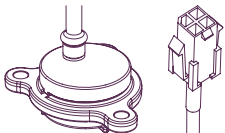
FHP	•	•
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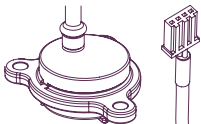
FHC	•	•
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Cable with Connector (Molex mini Fit, cable length <25 cm)	•	•
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Cable with Connector (AMPMODU II, cable length <23 cm)	•	•
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All measurements have been taken under ideal laboratory conditions.

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