

DIGMESA  
FM  
- THE  
ENDURING  
FLOW  
SENSING  
SOLUTION



## Flow Sensor FM Technical Information

The Classicline FM is ideal for measuring flow rates during continuous operation, such as in bottling plants, welding robots and laser cooling systems. The central loading of the turbine blades combines with the robust design to give this extremely durable flow sensor (also available with ceramic bearing) an exceptionally long lifespan. Other properties include high precision obtained by using the multijet measurement technique, large measurement range and low pressure loss.

### Flow Rate l/min

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Nozzle	Min	Max
8.0 mm (FM)	0.24	17.00
15.0 mm (FM 15)	2.83	25.30

### Output Signal

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Pulse

### Material

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PBT and PA (Fiberglass Reinforcement)

### Application examples

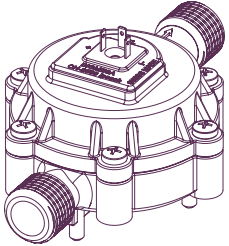
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Industry, Chemistry, Bottle Filling

**Housing Material**

FM

FM 15



PBT (Fiberglass Reinforcement)

STD

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PA (Fiberglass Reinforcement)

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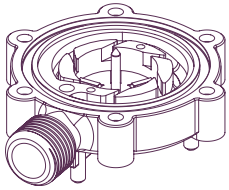
STD

**Process Connection**

G1/2" BSP

STD

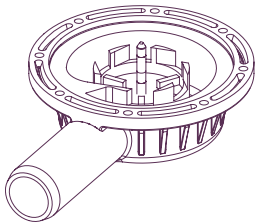
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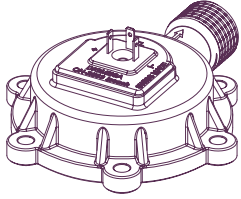
Hose Connection Ø 20.0 mm

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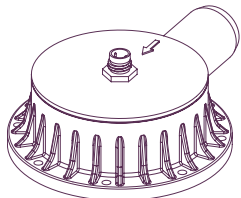
STD



## EI. Connection



3 pin amp	STD	–
3 pin amp R1,2k	•	–
3 pin amp PNP	•	–



Lumberg RSMF 4/0.5 M	–	STD
Lumberg RSMF 4/0.5 M R 1.2k	–	•
Lumberg RSMF 4/0.5 M PNP	–	•

## O-Ring



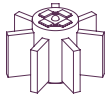
Silicone	STD	–
EPDM	–	STD

## Turbine

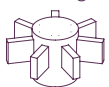
PVDF 2M (wetted magnets)	STD	–
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PVDF 4M (wetted magnets)	•	–
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PA (Fiberglass Reinforcement) 6M (sealed magnets)	–	STD
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All measurements have been taken under ideal laboratory conditions.