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DIGMESA FM - THE ENDURING FLOW SENSING SOLUTION

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A WORLD OF FLOW

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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

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

Output Signal

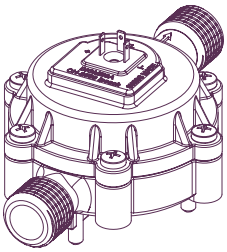
Pulse

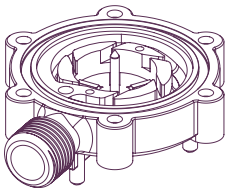
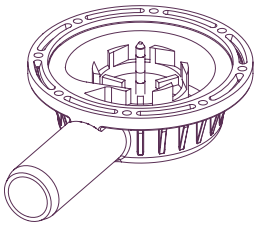
Material

PBT and PA (Fiberglass Reinforcement)

Application examples

Industry, Chemistry, Bottle Filling

Housing Material	FM	FM 15
		
PBT (Fiberglass Reinforcement)	STD	–
PA (Fiberglass Reinforcement)	–	STD

Process Connection		
G1/2" BSP	STD	–
		
Hose Connection Ø 20.0 mm	–	STD
		

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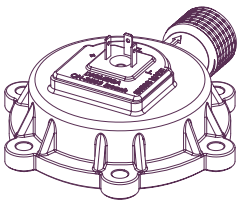
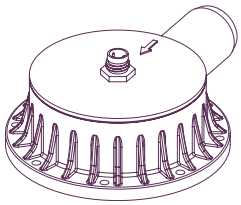
El. Connection



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

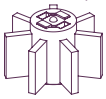
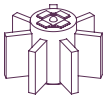
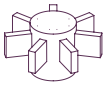


Lumberg RSMF 4/0.5 M	–	STD
Lumberg RSMF 4/0.5 M R 1.2k	–	•
Lumberg RSMF 4/0.5 M PNP		•

O–Ring

Silicone	STD	–
EPDM	–	STD

Turbine

PVDF 2M (wetted magnets) 	STD	–
PVDF 4M (wetted magnets) 	•	–
PA (Fiberglass Reinforcement) 6M (sealed magnets) 	–	STD

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DESIGN NUNLOS.CH

DIGMESA FM - ENG 2030 1

DIGMESA INTERNATIONAL LTD.
BACHSTRASSE 3
6362 STANSSTAD
SWITZERLAND

WWW.DIGMESA.COM
INFO@DIGMESA.COM

All measurements have been taken under ideal laboratory conditions.