

THE RIGHT FLOW METER FOR YOUR APPLICATION

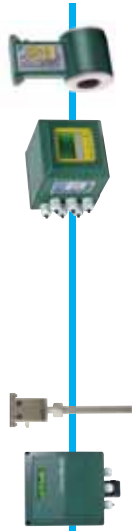
	Converter Model										Sensors				
	ML 51	ML 110	ML 210	ML 211	ML 212	ML 250	ML 252	ML 4F 1	MS 501	MS 600	MS 1000	MS 2410	MS 2500	MS 3770	MS 3800
Water & Wastewater	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Distribution	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Water treatment	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sludge/sewage	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NRW/DMAs	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Irrigation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chemical	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pulp & Paper	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Hygiene/Sanitary	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Food & Beverages	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dosing/Batching	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Filling machines	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HVAC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Note: the above are the suggested combinations. For any particular application please contact us.

FILLING MACHINES



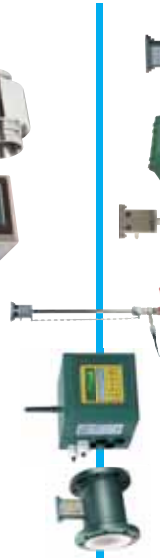
HVAC



SANITARY



WATER



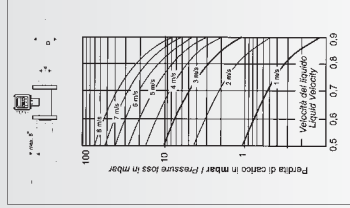
IRRIGATION



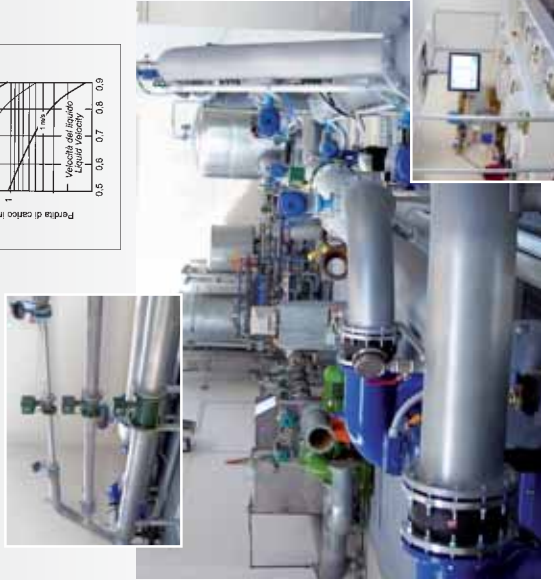
Pressure loss calculation

If the sensor diameter is the same as the pipe diameter, its maximum pressure loss is equal to that of a section of pipe of the same length. In some cases, however, the sensor diameter is smaller than the pipe diameter. In such cases, the diagram below indicates the pressure loss. This is valid for liquids similar to water. For different types of liquids, please contact the manufacturer.

Procedure:
Determine the D/D ratio, velocity range, and calculate the pressure loss for the fitting given.



Calibration test benches



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Flowmeters used in different industries

- agriculture
- building automation
- chemical & pharmaceutical
- energy
- filling
- food & beverage
- pulp and paper
- water and waste water
- NRW
- DMA5

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