

**GENERAL DESCRIPTION:** The FM Flow Sensor is a general-purpose precision device. It measures with constant precision and guarantees maximum accuracy in the measurement of fluid volumes. Its integrated electronic pulse emitter, plus the forces acting centrally upon its vane give an additional guarantee for a practically unlimited useful life. By means of its multi-jet metering principle, a very high degree of accuracy is achieved and for this reason it is employed in many different industrial sectors.

Special features: High accuracy. Sturdy bearing. Impulses can be doubled (turbine with 4 magnets).

**SHOULD BE CONSIDERED:** Material Resistance:

Special regulations which must be in compliance with the Flow Sensor manufacturer applicable in each country, e.g. CE, NSF, FDA and SK. The various media flowing through the Flow Sensor differs from application to application. Clarifications over the entire installation and Flow Sensor resistance to the medium itself (see material) are recommended!



Designation:	FMIG 1/2"Arnite 2 Magnets	FMFG 1/2"Denilen 4 Magnets	FMIG 1/2"Ryton 2 Magnets
Part number:	935-1500/2	935-2904/4	935-1800/2
Housing:	PBT 35% GF (Arnite)	PP 20% Talk (Denilen)	PPS 40% GF (Ryton)
Parting disk:	PBT 35% GF (Arnite)	PP 20% Talk (Denilen)	PPS 40% GF (Ryton)
Pressure range:	20 bar at 20°C / 290 psi at 68°F	6 bar at 20°C / 87 psi at 68°F	20 bar at 20°C / 290 psi at 68°F
Magnets:	2 Magnets	4 Magnets	2 Magnets
Dimensions in mm(LxBxH):	116 x 82 x 66 without MSD (85.5 with MSD)	116 x 81.5 x 65.5	116 x 82 x 66 without MSD (85.5 with MSD)
Electrical connection:	3 Pin-AMP 2.8mm x 0.5mm	Faston AMP 6.3mm x 0.8mm	3 Pin-AMP 2.8mm x 0.5mm
Special features:	Temperature range: -10°C to 65°C 14°F to 149°F	Temperature range: -10°C to 65°C 14°F to 149°F	Temperature range: -10°C to 100°C 14°F to 212°F



Designation:	FMIG 1/2"Denilen 4 Magnets	FMFG 1/2"Arnite 2 Magnets	FMFG 1/2"Ryton 2 Magnets
Part number:	935-1904/4	935-2500/2	935-2800/2
Housing:	PP 20% Talk (Denilen)	PBT 35% GF (Arnite)	PPS 40% GF (Ryton)
Parting disk:	PP 20% Talk (Denilen)	PBT 35% GF (Arnite)	PPS 40% GF (Ryton)
Pressure range:	6 bar at 20°C / 87 psi at 68°F	20 bar at 20°C / 290 psi at 68°F	20 bar at 20°C / 290 psi at 68°F
Magnets:	4 Magnets	2 Magnets	4 Magnets
Dimensions in mm(LxBxH):	117 x 81.5 x 66 without MSD (85.5 with MSD)	116 x 82x 65.5	116 x 82 x 65.5
Electrical connection:	3 Pin-AMP 2.8mm x 0.5mm	Faston AMP 6.3mm x 0.8mm	Faston AMP 6.3mm x 0.8mm
Special features:	Temperature range: -10°C to 65°C 14°F to 149°F	Temperature range: -10°C to 65°C 14°F to 149°F	Temperature range: -10°C to 100°C 14°F to 212°F