

Axial turbine flowmeter for liquids Type FVA915VTH25



- For measuring the volume flow rate or for dosing tasks with large flow rates.
- Compact design.
- Wide useful operating range.
- Wide variety of applications :
Cooling water flow, medical technology, plastics industry, solar systems, baker's equipment, machine tools, catering equipment, photographic laboratory equipment, dispensers, dosing equipment, cooling equipment, heating applications, calorimetry.

Types:

incl. connecting cable, 6 m long, with ALMEMO® connector

Turbine body made of brass

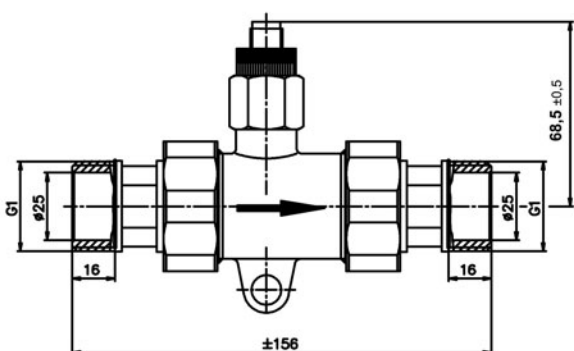
Order no. FVA915VTH25M

Technical Data:

Nominal diameter	DN 25
Measuring range	4 to 160 l/min
Continuous load	max. 80 l/min
Measuring accuracy	±3% of measured value
Reproducibility :	±0.5%
Signal output	from < 1 l/min
maximum size of particles in medium	0.63 mm
maximum temperature of medium	85°C
Nominal pressure	PN10
Process connection FVA915VTH25M	G 1 1/4" external thread including adapter for G 1" (absolutely necessary)
Pressure loss	approx. 0.1 bar at 80 l / min approx. 0.45 bar at 160 l / min
Protection system	IP 54
Output signal Pulse rate / K factor	65 pulses / liter
Resolution	15 ml / pulse
Signal form	NPN, open collector
Measuring transducer	Hall sensor
Supply voltage	4,5 ... 24 V DC (from ALMEMO® device)
Electrical connection	4-pin connector M12x1 including PVC line (T _{max} = 70 °C) with ALMEMO® connector

Materials

Pipe section FV A915 VTH25M	brass CuZn36Pb2As CW602N
Turbine cage	PPO Noryl GFN 3V 960
Rotation vane	PPO Noryl GFN 2V 73701
Rotor complements	permanent magnets, Recona 28nickel-plated
Axle / bearing	special steel 1.4436 / sapphire, PA
Sensor socket	PPO Noryl GFN 1630V
O-ring	72 NBR 872



10/2008 We reserve the right to make technical changes.