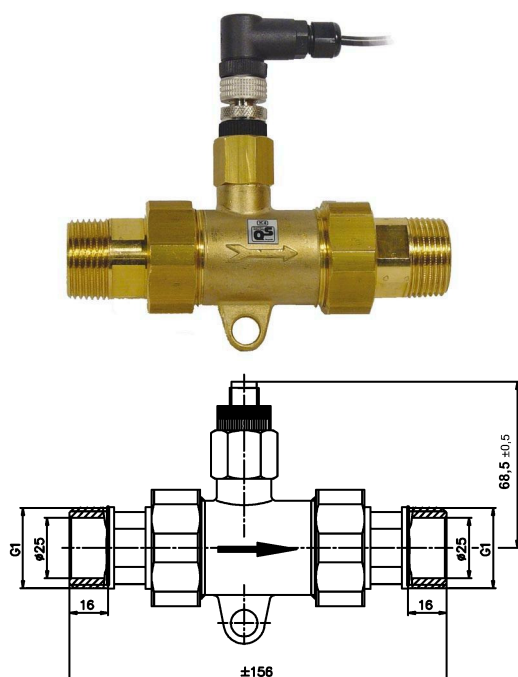


Axial turbine flowmeter for liquids FVA 915 VTH25



- 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.

Technical Data

Nominal diameter	DN 25
Measuring range	4 to 160 l/min
Continuous load	max. 80 l/min
Measuring accuracy	±5% of measured value up to 5l/min ±7% 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 1¼" external thread including adapter for R 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 (Tmax =70 °C) with ALMEMO® connector

Materials

Pipe section FV A915 VTH25M	brass, CW602N
Turbine cage	PPO Noryl GFN 1630V
Rotation vane	PPO Noryl GFN 1520V
Rotor complements	Hard Ferrite Magnets
Axle / bearing	stainless steel 1.4539 / saphire, PA
Sensor socket	PPO Noryl GFN 1630V
O-ring	EPDM

Type

incl. connecting cable, 6 m long, with ALMEMO® connector turbine body made of brass
Factory calibration KV91xx flow for digital sensor (see chapter Calibration certificates)

Order no.
FVA915VTH25M

Other designs are available on request

Axial turbine flowmeters FVA 915 VTH40 6.7 to 417 l/min, DN40
Figure - similar to above

Turbine flowmeters FVA 915 VTRx
Stainless steel, up to 120 °C, up to 250 bar for different flow rates
from 1.8 l/min to 1133 l/min

