

Electromagnetic Flowmeter AFLO

What makes
AFLO
simply better ?

AFLO flowmeters will
help you do an easier
job of managing flow.

Whether it is
installation, managing
operations or verifying
continuous accuracy,
customers rely on
AFLO
to improve the entire
value chain of activities.



Water sector

Potable water
Chemical Treatment
Waste water
Sludge

Food sector

Dairy products
Beer
Wine
Soft-drinks
Fruit juices

Chemical sector

Detergents
Pharmaceuticals
Acids
Alkalis

Other sectors

District heating
Paper pulp
Mining slurries



TECHNICAL SPECIFICATIONS



Outputs

4 - 20 mA	Standard
Pulse	Standard
Alarm	Standard
Frequency	Standard

Communication

RS485	Standard
RS232	Optional
Modbus	Optional
Profibus	Optional
GPRS	Optional
HART	Optional

Liner Materials

Polytetrafluoroethylene (PTFE)
Fluorinated Ethylene-Propylene (FEP)
Polyurethane
Neoprene
Hard Rubber (-20 ... 80 °C)

Electrodes Materials

Stainless Steel 316L
Hastelloy B
Hastelloy C
Titanium Alloy
Tantalum Alloy
Platinum-Iridium Alloy
Stainless Steel-Coated Wolfram Carbide

Transmitter Specifications

Measured Media	Conductive fluids
Accuracy	±0.5% or ±0.3%***
Electrical Conductivity	≥ 5 µS / cm
Ambient Temperature	- 20 ... 60 °C
Power Consumption	Max. 15VA
Flow Direction	Bi-Direction
Control	Push Buttons
Display	Graphic LCD
Protection	IP65 / IP67

*** Only for the sizes up to DN 300

Sensor Specifications

Process Connection	DIN, ANSI, or Screw
Fluid Temperature	-20 ... 120 °C*
Protection	IP67 / IP68
Measuring Tube	Stainless steel
Outer Casing	Carbon Steel**

*For PTFE only

**Manufacturer Standard

Power Supply

85 ... 250 VAC	Standard
16 ... 36 VDC	Optional
3.6 V Lithium Battery	Optional

HART
COMMUNICATION PROTOCOL

Modbus

PROFI
BUS

Aktek
Endüstriyel Ekipman ve Enstrümantasyon Ltd.Şti.

CODIFICATION

Compose your Electromagnetic Flowmeter

AFLO flowmeters are
tunable and adjustable
according to your needs



**Aktek Endüstriyel Ekipman
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AFLO _ D__ _ PN__ _

Signal Convertor

Compact Type	C
Remote Type	R

DN size

10 - 3000

Liner material

Neoprene	NR
Hard Rubber	HR
Polyurethane	PU
PTFE (TEFLON)	PT
FEP	FP

Electrode material

Stainless Steel 316L	SS
Hastelloy B	HB
Hastelloy C	HC
Tantalum	Ta
Titanium	Ti
Platinum-Iridium	Pi
SS-Coated Wolfram Carbide	SC

Nominal pressure

40 Bar	40
25 Bar	25
16 Bar	16
10 Bar	10
06 Bar	06

Example

AFLO-C-D50-PT-16-SS

Explanation

AFLO Electromagnetic Flowmeter– Compact type– Nominal Diameter is 50mm–
Liner material is PTFE–Nominal Pressure is PN16– Electrodes Material is SS316L

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