

Electromagnetic Flowmeter TRTF

What makes
TRTF
simply better ?

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

Whether it is
installation, managing
operations or verifying
continuous accuracy,
customers rely on
TRTF
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



TRODEKS®

TECHNICAL SPECIFICATIONS

TRODEKS®



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

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%FS
Electrical Conductivity	≥ 5 S / cm
Ambient Temperature	- 20 ... 60 °C
Power Consumption	Max. 15VA
Flow Direction	Bi-Direction
Control	Push Buttons
Display	Graphic LCD
Protection	IP65 / IP67

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

CODIFICATION

Compose your Electromagnetic Flowmeter

TRTF flowmeters are tunable and adjustable according to your needs



TRTF _ 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

TRTF -C-D50-PT-16-SS

Explanation

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

CE

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