

BioProTT™ FlowTrack DINrail



- Transit-time ultrasound flow meter
- Non-invasive flow measurement for liquids
- Monitor volumetric flow in real time
- Compact space saving design
- Flow meter variant for DIN Rail mounting
- Low 3 watt power consumption

01 Technical Specification

Size (H x W x D)	110 x 65 x 150 mm
Weight	635 g
Housing material	Aluminum
IP-Code	IP 20
Supply voltage	24 V DC ($\pm 10\%$) via power adapter or external supply
Power consumption	Typically 3 W, max. 8 W
Power supply	Wall power supply with EU, UK, North America and IEC 60320 C8 connectors, others on request
DIN Rail mounting type	Standard TS35 DIN Rail according to EN 60715, 35 mm x 7.5 mm
Flow sensor extension cable	1 m, IP 50 at panel; to allow sensor connection from outside control cabinet
Compatible flow sensors	BioProTT™ Clamp-On Transducer

02 Interfaces

Interface types	RS-232 4-20 mA analogue: flow and received signal strength (RSS)
RS-232 cable	9-pin D-Sub-socket (F) and USB adapter
Zeroing	Push button, digital interface and remote zero pulse

03 Additional Features (Compared to BioProTT™ FlowTrack)

This variant of the ultrasonic flow meter has the features identical to BioProTT™ FlowTrack (see separate data sheet). In addition, it is possible to zero the flow with a 24 V DC pulse. It is equipped with an adapter that allows DIN rail mounting. An extension cable including connector is provided to plug the flow sensor in from the outside of the process control cabinet.

04 Accuracy (in Combination with BioProTT™ Clamp-On Transducers)

Maximum flow measurement range, accuracy and resolution	See BioProTT™ Clamp-On Transducer Datasheet
On-site calibration adjustment	With user adaptable calibration factor

05 Ambient Conditions

Air pressure	70 to 106 kPa
Operating temperature range	10 to 40 °C (50 to 104 °F)
Storage temperature range	-20 to 45 °C (-4 to 113 °F)
Transport temperature range	-20 to 55 °C (-4 to 131 °F)
Humidity storage, transport and operation	10 to 96 % (non-condensing)