

BioProTT™ FlowMCP (5-8 Channels, 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
- Simultaneous measurement of 5-8 flow channels with one housing size
- On-site calibration with adaptable calibration factor (per flow channel)

01 Technical Specification

Size (H x W x D)	175 x 120 x 200 mm
Weight	1300 g
Housing material	Plastic
IP-Code	IP 20
Supply voltage	24 V DC ($\pm 10\%$) supplied external. max. 2000 mA
Power consumption	Max. 36 Watt
External power supply	Must deliver always max 2 A at U = 24 V DC
DIN Rail mounting type	Standard TS35 DIN Rail according to EN 60715, 35 mm x 7.5 mm
Flow sensor extension cable	1.1 m, IP 50 at panel; to allow sensor connection from outside control cabinet
On-site calibration adjustment	With user adaptable calibration factor (per flow channel)

02 Interfaces

Interface types	RJ-45
Protocol	Modbus TCP V1.1b3

03 Compatible Flow Sensors

Full range of BioProTT™ Clamp-On Transducers	For maximum flow measurement range, accuracy and resolution see BioProTT™ Clamp-On Transducer datasheet
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04 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)