

BioProTT™ FlowMCP Platform (up to 8 channels)

em-tec
BIOPROCESSING



- Transit-time ultrasonic flow meter
- Compact space saving design
- DINrail mounting
- Simultaneous measurement of 5-8 flow channels with one housing size

BioProTT™ Flow MCP Variants

	ID 13017	ID 13019	ID 13020
Flow Channels	5	6	8
Weight	1180 g	1220 g	1300 g
Size [mm] (H x W x D)	175 x 120 x 200	175 x 120 x 200	175 x 120 x 200

Technical Specification

Housing material	Polyamide
IP-Code	IP 20
Supply voltage	24 V DC ($\pm 10\%$) supplied external. max. 2 A
Power consumption	Max. 36 Watt at MCP8
DINrail mounting type	Standard TS35 DIN Rail according to EN 60715, 35 mm x 7.5 mm
Flower transducer extension cable	1.1 m, IP 50 at panel; to allow transducer connection from outside control cabinet
On-site calibration adjustment	With customer-specific calibration factor (per flow channel)

Interfaces

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

Compatible Transducers

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

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)

em-tec

em-tec GmbH
Lerchenberg 20
86923 Finning, Germany
P: +49 8806 9236 0
F: +49 8806 9236 50
E: em-tec-info@psgdover.com
em-tec.de



Where Innovation Flows

BioProTT™ FlowMCP 5-8 - Technical Data Sheet - V5.0 | EMT-10002-T-01
© 2020 PSG, a Dover company

em-tec reserves the right to modify the information and illustrations contained in this document without prior notice. This is a not-contractual document.