

# 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
<b>Flow Channels</b>	5	6	8
<b>Weight</b>	1180 g	1220 g	1300 g
<b>Size [mm] (H x W x D)</b>	175 x 120 x 200	175 x 120 x 200	175 x 120 x 200

## Technical Specification

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

## Interfaces

<b>Interface types</b>	RJ-45
<b>Protocol</b>	Modbus TCP V1.1b3

## Compatible Transducers

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

## Ambient Conditions

<b>Air pressure</b>	70 to 106 kPa
<b>Operating temperature range</b>	10 to 40 °C (50 to 104 °F)
<b>Storage temperature range</b>	-20 to 45 °C (-4 to 113 °F)
<b>Transport temperature range</b>	-20 to 55 °C (-4 to 131 °F)
<b>Humidity storage, transport and operation</b>	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.