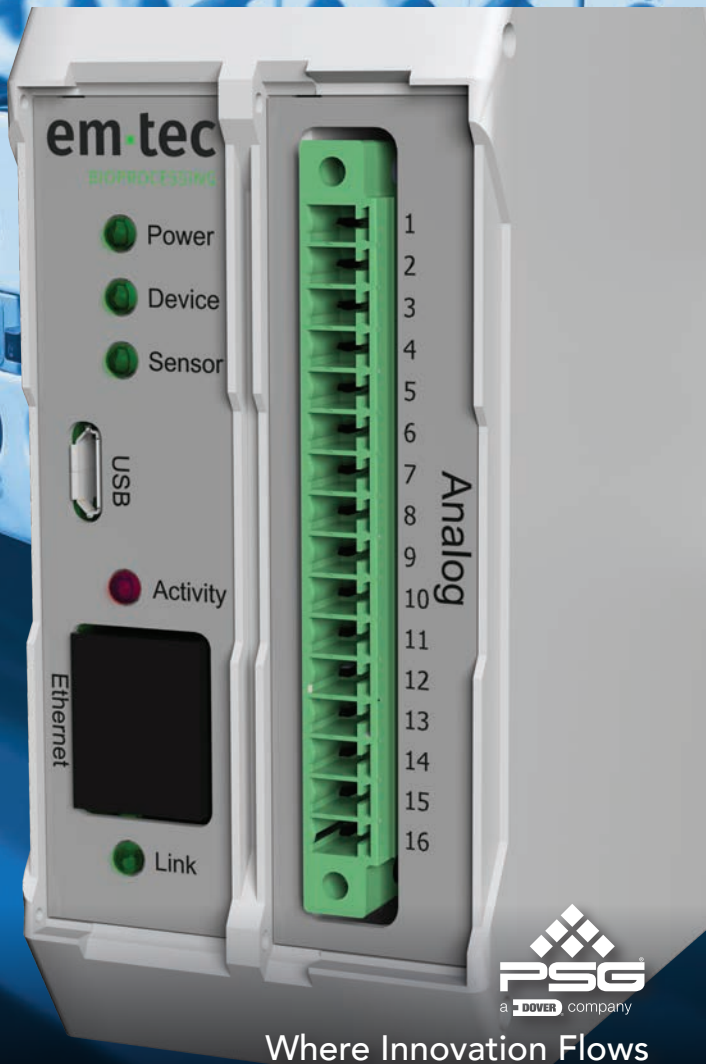


BioProTT™ FlowMCP-a

UPGRADE TO THE NEXT GENERATION



Where Innovation Flows



WELCOME TO THE FUTURE OF FLOW MEASUREMENT

Introducing the new em-tec BioProTT™ FlowMCP-a Series.

Incorporating a sleeker design and advanced technical features, the BioProTT™ FlowMCP-a Series provides additional convenience for all your critical bioprocessing flow measurement applications – both upstream and downstream.

Get started today by upgrading your existing device with the next generation of flow measurement products.

FEATURES AND BENEFITS

- 2-in-1 function: analog 4-20 mA and digital interface for universal use
- Smaller footprint: measurement of up to two channels with one device
- 1:1 replacement of previous device
- Seamless integration into existing systems

EASY SWITCH FROM ANALOG INTERFACE TO MODBUS TCP

The BioProTT™ FlowMCP-a provides a digital interface with additional readable status and error codes for increased safety in running process by Modbus TCP interface - compared to the BioProTT™ FlowTrack DINrail. The analog interface is also designed to better meet customer requirements with a standard setting where 20 mA equals the sensor's Qmax for an easier integration. For more flexibility this setting can be adjusted via the web interface.

MEASURING FUNCTION FOR ONE OR TWO CHANNELS DEPENDING ON DEVICE

Benefit from the new design's smaller footprint for the one and two channel device versus previous BioProTT™ FlowTrack DINrail.

QUICK & EASY 1:1 INTEGRATION

The BioProTT™ FlowMCP-a can quickly & easily replace the BioProTT™ FlowTrack DINrail and is also easy to integrate into existing systems.

For more details on connection plan and setting needs please refer to psgdover.com/em-tec-bioprott-mcp

Devices at a Glance



EXISTING SERIES:
BioProTT™
FlowTrack DINrail



NEW SERIES:
BioProTT™
FlowMCP-a

DINrail Mounting	✓	✓	
Available Flow Channels	1	2	
Interfaces	Analog 4-20 mA Digital RS-232	Analog 4-20 mA Digital Modbus TCP	
Option to Adjust the Analog Interface	X	✓	
Option to Switch from Analog Interface to Modbus TCP	X	✓	
Size (H x W x D)	110 x 65 x 150 mm	1 channel 99 x 45 x 115 mm	2 channels 99 x 68 x 115 mm
Weight	635 g	1 channel 200 g	2 channels 300 g
Zeroing	<ul style="list-style-type: none"> • Push and release the zero button on the device • Analog interface: by generating a direct voltage pulse using a switch • Digital interface: by sending a Z-command (Z<CR>) 	<ul style="list-style-type: none"> • Additional option to zero the flow and undo the zero flow by using the web interface; no push button to meet GMP requirements • Analog interface: zero the flow by raising the current pulse (e.g. 4 to 20 mA) and undo the zero flow by lowering the current pulse (e.g. 20 mA to 4 mA). • Digital interface: zero the flow and undo the zero flow by sending the respective command over Modbus TCP interface. 	

READY TO ORDER NOW!

Contact your authorized em-tec distributor today to order the new BioProTT™ FlowMCP-a.

D 214-708 BioProTT™ FlowMCPa LFM en-V1.0 | EMT-10005-F-01-A4

Copyright 2021 PSG®, a Dover company

Authorized PSG® Partner:

Where Innovation Flows



em-tec
BIOPROCESSING

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