



# AQ Motor Controller

## Continuously monitors and regulates small motors

The AQ Motor Controller is designed for use with AQ Dynamic Mixer DM50 but can also be used as a motor controller for other brushless motors with Hall sensors.

### ■ Easy to use

AQ Motor Controller is compact and easy to install. It is designed to be mounted on a DIN rail. It is easy to program by using three buttons and the display. The Motor Controller is equipped with a Profibus DP connection but can also be equipped with 0-10V or 4-20mA input.

### ■ Reliable and flexible

The AQ Motor Controller can be used when developing prototypes and testing new products with an inbuilt motor. It is very reliable and flexible and easy to use.

### ■ Communicates

AQ Motor Controller communicates via Profibus DP and monitors the speed and status of the motor. It continuously measures and controls motor speed and current consumption. If anything is faulty in the motor the AQ Motor Controller gives an alarm via Profibus DP.

### ■ Usable in many ways

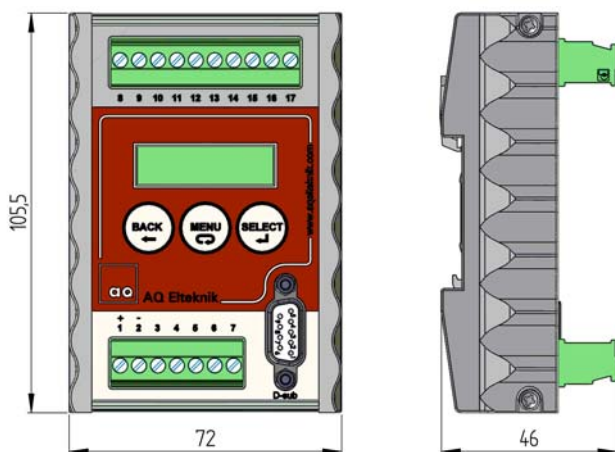
AQ Motor Controller is used in biochemical industries which all have high demands on reliability but it is also used in other industries.



AQ Elteknik AB

### Technical data Motor Controller MP72:

Weight	210 g
Operating temperature	0°C to 50°C
Supply voltage	24V ± 6VDC
Current consumption max	7A
Protection class	IP20
Ambient Humidity	0%-90%
Max output power	150W
Max output current:	20A
Connects to:	Brushless DC motor with Hall sensors e.g DM50
Profibus DP-V0	Max bitrate 12Mbit/s



#### AQ Elteknik AB

Alsikegatan 4

753 23 Uppsala

+46 (0) 18-18 34 30

[www.aqelteknik.se](http://www.aqelteknik.se)