

Analog input module AIM4  
Art. no.: 2520-020-00



#### Brief description

AIM4 analog input module with four potential-free analog measurement inputs for recording of analog input signals 0-10V or 0/4-20 mA

#### Description

The analog input module AIM4 includes four measuring inputs, which can optionally be used (0 to +10V), or current input (0(4) to +20mA), as voltage input

The AIM4 is designed for receiving energised current and/or voltage signals from sensors such as

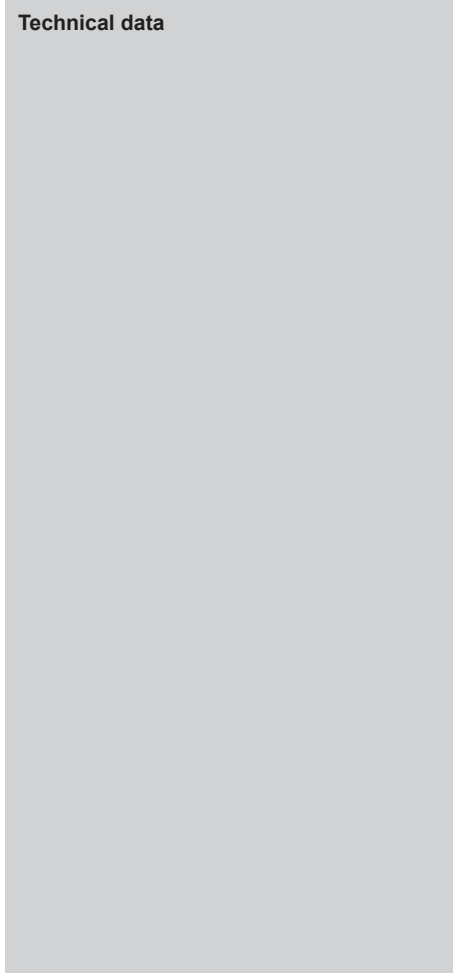
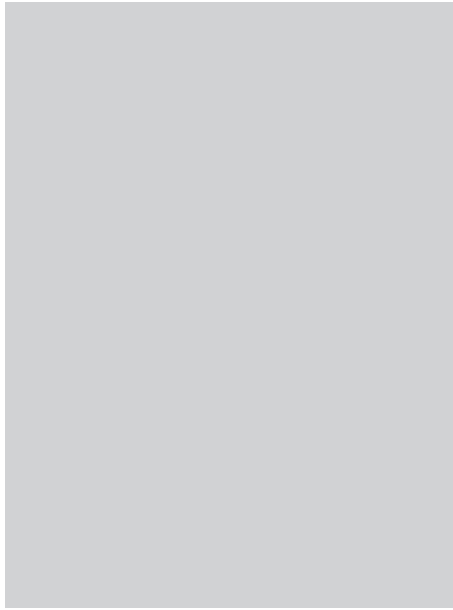
- flow measurement systems
- pressure measuring systems
- measuring signals of external measuring equipment
- etc.

The channels are galvanically isolated and can therefore be operated at different potentials. Measuring loops are avoided.

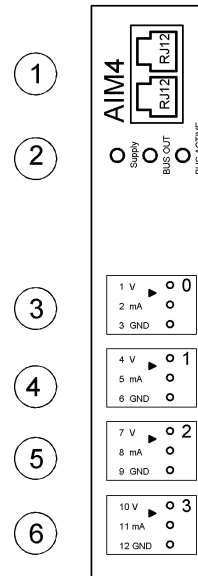
All terminals are pluggable for a fast connection and replacement of the module.

The voltage is supplied by the system bus. There are three LEDs for diagnostics that indicate the correct operating voltage as well as the sending/receiving of bus data.

The module is suitable for mounting on DIN mounting rails 35 mm and is delivered with four 3-pin plug-in terminals. The software of the module is integrated via the dinotecNET+ system.



## Additional Information



dinotecNet+ system bus:  
 Voltage supply (bus):  
 Max. power consumption:  
 Number of current/voltage inputs:  
 Voltage input:  
 Current input:  
 Max. current load:

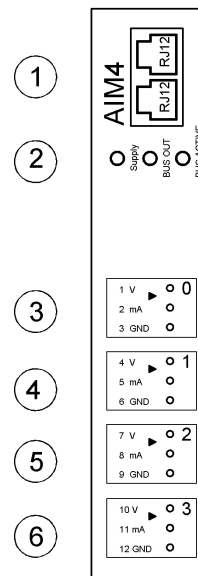
Bush RJ12 (6-6)  
 20V- 30V DC (nominal 24V)  
 2.5 W  
 4 pcs.  
 0 to 10 V  
 0(4) to 20 mA  
 +/-30 mA

Mechanical characteristics  
 Conductor cross section of terminals:  
 Tightening torque of clamping screws:  
 Housing for DIN rail mounting:

0.25 - 2.5 mm<sup>2</sup>  
 0.5 Nm max.  
 Plastic 40x155x70 mm<sup>3</sup> w/d/h (standard  
 EN50022 profile 35mm x 7.5mm)

Ambient temperature:  
 Protection class:  
 Weight:

0 to 50 °C  
 IP 20  
 0.25 kg



This module is a component of the dinotecNET+ pool and spa management system. Ask your dealer for additional modules and field devices for various applications.

This may be interesting for you



**2520-030-00**  
Analog output module AOM4

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Photo of item may be different.  
Do you have any questions? Our hotline will be happy to help.

Status: 12.01.18