

Application

I/O module for connection to TROVIS 6610 CPU Module



The I/O module records the analog and digital input signals of connected sensors. Digital signals to be processed by the CPU module are transmitted over the bus. The data recorded by the CPU module are, in turn, transmitted by the I/O module as analog or digital signals to the control valves.

The I/O module provides 20 physical channels of which 10 are universal inputs for use with either analog or binary signals.

- Analog inputs as Pt 1000 (two-wire), 0 to 10 V DC, 0 to 2000 Ω
- Binary inputs optionally as normally closed or normally open contacts, status indicated by LEDs, binary inputs 1 and 2 as counter inputs (1 kHz)
- Six binary outputs including 250 V AC/3 A (resistive) coupling relay, status indicated by LEDs
- Four analog 0 to 10 V DC outputs

Interfaces:

- I/O bus (RS-485)

Further properties

- Power supply and I/O bus galvanically isolated from the module
- Inputs and outputs can be connected directly to the module's terminals
- Status LEDs indicate module operation or fault

Further details on the installation and start-up of SAMSON's TROVIS 6600 Automation System can be found in the System Integration Guidelines ► AB 6600 EN.



Fig. 1: TROVIS 6620 I/O Module

Technical data

TROVIS 6620 I/O Module	
Power supply	24 V AC, 50 Hz
Power consumption	Approx. 6 VA
Operating temperature	0 to 55 °C
Transportation and storage	-20 to 70 °C
Relative humidity	Normal, no dew formation
Noise emission	According to EN 61000-6-3
Noise immunity	According to EN 61000-6-2
Degree of protection	IP 20 according to IEC 60529
Mounting	On 35 mm rail (all DIN and EN types)
Dimensions (width x height x depth)	110 x 130 x 60 mm including terminals
Weight	0.5 kg

Specifications subject to change without notice



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