



TIS 4 ANALOG INPUT MODULE

4 Zones 0-10V

Data Sheet Rev 3.1

Model: TIS-4AI-010V



OVERVIEW

The TIS control 0-10V module is designed to integrate seamlessly with 0-10V analog sensors, enabling precise measurement and control within smart buildings, BMS (Building Management Systems), and water tank management systems. This module enhances operational efficiency, environmental sustainability, and user comfort through advanced monitoring and automation capabilities.

KEY BENEFITS

- + Connect any 3rd party 0-10V analog sensors to TIS network
- + Monitor real-time information about the parameter being measured
- + Used for water tanks management, pressure sensor, and BMS.
- + Take action depends on analog sensor reading in TIS network

KEY FEATURES

- ★ Free locate, small size module
- ★ Works with TIS-BUS protocol
- ★ 4 Analog 0-10V inputs for monitoring and control
- ★ Integrated with Modbus RTU protocol using IP-COM-PORT gateway



TIS 4 ANALOG INPUT MODULE














4 Zones 0-10V

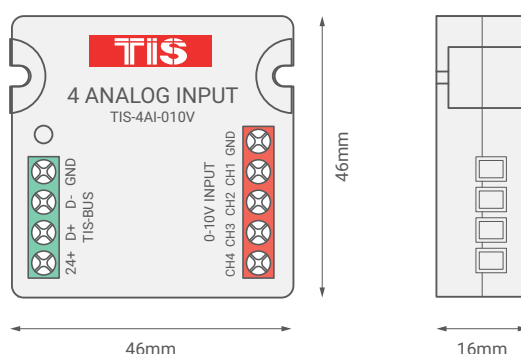
Model: TIS-4AI-0-10V

TIS



PRODUCT SPECIFICATIONS

	Input	Number of channels	4
		Input Type	Analog input. 0-10V
		Length of connected wire	< 15 meter
	TIS BUS	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption	<15 mA / 24 V DC
	Protection	Bus connection	Reverse Polarity Protection
	Reaction time		approx. 20ms
	Mounting	Free locate	By 2 screws installed anywhere.
	Connection terminal	Data / BUS	Screw terminal 0.25...2.5mm ²
	Operation	Programming button/LED	For assignment of the physical address
		By TIS bus	TIS Protocol messages and commands
		Upgrading	By Rs485 or IP Gateway.
	Functions	16x Analog input Logic	20 commands
	Weight	Without packaging	100g
	Dimensions	(Width x Length x Height)	46mm x 46mm x 16mm
	Housing	Materials	ABS anti fire
		Casing color	Black Gray
		IP rating	IP 20
	Temperature range	Operation	-10...50°C
		Storage	-20...50°C
		Transport	-25...75°C
	Air humidity		<85% non-condensing



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TIS CONTROL PTY LIMITED
SA, AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

www.tiscontrol.com