OVERVIEW

This small module is used to connect different types of Analog 4-20mA sensors as it accept analog current inputs it contains programmable logic, and used in data acquisition systems, and building management systems (BMS) to monitor and control various processes.

The advantage of the current sensor is its high noise immunity. Current signals are less susceptible to electrical noise compared to voltage signals, making them ideal for long-distance transmission and noisy environments.

KEY BENEFITS

+ Connect any 3rd party 4-20mA 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

★ 4x Analog 4-20mA inputs for monitoring and control

★ Integrated with Modbus RTU protocol using IP-COM-PORT gateway

BARCODE (UPC-A)

6 06795 20685 8

TIS 4 ANALOG INPUT MODULE

4 Zones 4-20mA

Model: TIS-4AI-4-20mA

	PRODUCT SPECIFICATIONS	
Input	Number of channels	4
	Input Type	Analog input. 4-20mA
	Length of connected wire	200-500 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…2.5mm2
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 × Length × 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
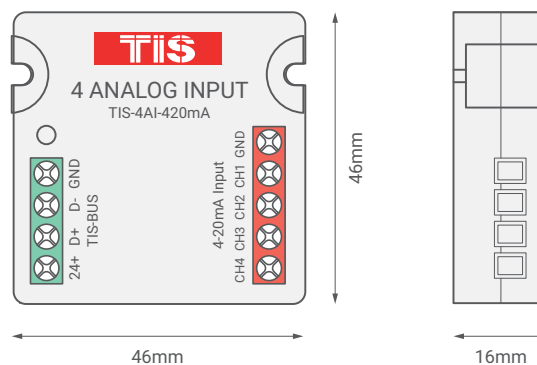
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