

Schneider Electric TM5SAI2L

Model: TM5SAI2L

Brand: Schneider Electric

Series: Modicon TM5

Analog Input Module, 2 channels, $\pm 10\text{V}/0\text{-}20\text{mA}/4\text{-}20\text{mA}$, 12-bit

— I/O Specifications —

Module type: Analog input (voltage/current configurable per channel)

Channels: 2

Signal type: $\pm 10\text{ Vdc}$, 0-20 mA, 4-20 mA (software configurable per channel)

Range: $\pm 10\text{ V} / 0\text{-}20\text{ mA} / 4\text{-}20\text{ mA}$

Resolution: 12 bits (signed, $\pm 10\text{V}$: -32768 to +32767)

Accuracy: $\pm 0.3\%$ of full scale at 25°C ($\pm 0.5\%$ FS over temperature)

Isolation: No isolation between channels; 500 Vrms AC between channels and bus

Diagnostics: Channel status (below lower limit, above upper limit, wire break for 4-20mA), ModuleOK, DcOK, NetworkOK

Response time: Configurable input cycle (filter off/level 2-128), channel offset 200 μs ; sampling 1 ms or 300 μs per channel

— Electrical —

Supply voltage: 24 Vdc (via TM5 bus / power distribution module)

Power consumption: 0.81 W

Bus current: 2 mA at 5 V DC (via TM5 bus); 5 mA at 24 V DC

— Environmental —

Operating temperature: $0\text{...}+55^\circ\text{C}$

Storage temperature: $-25\text{...}+70^\circ\text{C}$

Protection rating: IP20

— Physical —

Dimensions (H $\times$ W $\times$ D): 99 $\times$ 12.5 $\times$ 75 mm

Weight: 0.025 kg

— Compatibility —

Compatible platforms: Modicon M241, M251, M258, LMC058

— Status —

Lifecycle: Active (Last verified: 2026-09)

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

—— Lifecycle ——

Active (Modicon TM5 distributed I/O platform for M258/M340/M580)



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