

T8122 Installation & Verification

Trusted Modbus Processor Interface Adapter

Installation Checklist

Step	Model-specific verification	Check
1	Confirm T8122 rather than another T812x adapter before wiring.	■
2	Verify port allocation, serial standard, baud rate, parity and node addressing in the controlled design.	■
3	Use the specified connector and cable gauge; maintain shield and grounding practice.	■
4	Separate communication wiring from noise sources and respect site segregation rules.	■
5	Prove end-to-end messaging and fail-state behavior before returning the controller to service.	■

Signal and Hardware Match

Signals / data	configured RS-422/RS-485 serial communication data and associated interface status
Compatible ecosystem	Trusted TMR Processor, approved serial cabling, matched field connector and configured Modbus peer devices
Official dimensions	138 × 120 × 108 mm
Published weight	0.877 kg

Commissioning Record

Project / unit	
Cabinet / base / slot	
Hardware revision	
Termination / cable	
Channel test result	
Technician / date	

Release-to-Service Gate

- ✓ Record the exact model and physical nameplate.
- ✓ Confirm approved compatible hardware and wiring.
- ✓ Complete diagnostics and channel-level functional testing.
- ✓ Attach controlled test results before authorization.

Official Source

Rockwell Automation PD-T812X Trusted Processor Interface Adapters
https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icsst-rm239_-en-p.pdf

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Send the exact model, nameplate and required quantity.

