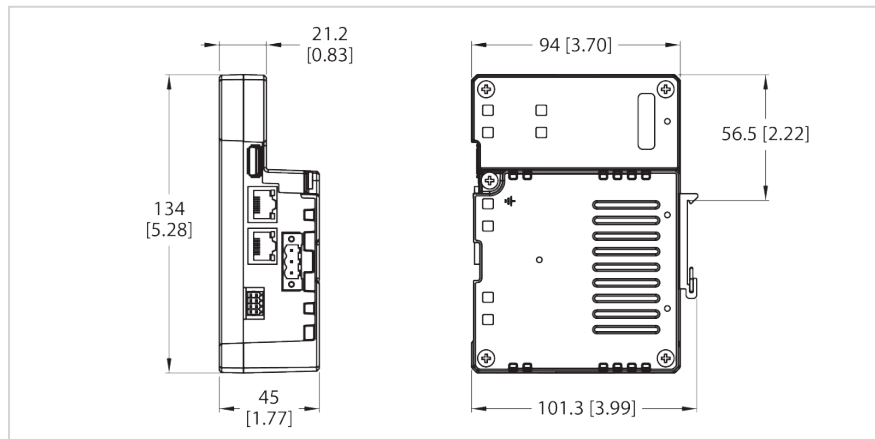


TX700S-P3WV01

TX700 HMI/PLC product series

Single-core IOT gateway — CODESYS V3 PLC with WEB VISU

Medium housing, 2 × RJ45 Ethernet



Type designation	TX700S-P3WV01
Ident-No.	100009353

Technical data

Power supply	
Admissible voltage range	10...32
Rated value	24 VDC, max. 0.35 A
Controller	
Processor	ARM Cortex A8, 1 GHz
Memory	4 GB Flash
RAM memory	512 MB
Add-on memory	1 x SD card slot, 1 x USB host port
Real time clock	yes (battery-backed)
PLC data	
Programming	CODESYS V3
Released for CODESYS version	V 3.5.12.10
Programming languages	IEC 61131-3 (IL, LD, FBD, SFC, ST)
Programming interface	Ethernet
Program memory	20000 kByte
Non-volatile memory	63 kByte
Interfaces	
Ethernet	2 x 10/100 Mbit

Features

- Two separate RJ45 Ethernet ports for 10/100 Mbit
- One serial interface (RS232, RS485, RS422)
- One USB host port
- One SD card slot

Technical data

Expansion slot	One slot for up to two plug-in modules
Onboard	2 × RJ45 Ethernet, 1 × RS232/485/422, 1 × USB host, 1 × power supply, 2 × expansion slot
Onboard for selection	CANopen Master (via extension module)
Radio interface	Optionally expandable
Serial	RS232 / RS485 / RS422
USB	1 × host port
Mechanical data	
Dimensions	134 mm x 45 mm x 102 mm
Ambient conditions	
Operating ambient conditions	-20...60 °C, 5...85 % relative humidity, non-condensing
Storage ambient conditions	-30...70 °C, 5...85 % relative humidity, non-condensing
Protection class	IP20
Comments	
Packaging unit	1

Mounting accessories

TX-LTE-WLAN	100025179
	Plug-in LTE and Wi-Fi modem with LTE/UMTS/GSM, Wi-Fi and GNSS

Functional accessories

TX-IO-XX03	6828201	TX-IO-DX06	6828203
	Plug-in I/O module — 20 DI, 12 DO, 4 AI (U/I/RTD/TC), 4 AO (U/I)		Plug-in I/O module — eight DI, six DO, one relay output (NO)
TX-EXTEND	100004786	TX-DP-S	100010167
	Plug-in extension module for mechanical adaptation for using the TX-IO-XX03 module		Plug-in PROFIBUS DP slave interface, 9-pin SUB-D female connector
TX-CAN	6828210	TX-RS485	100002598
	Plug-in CANopen interface, 9-pin SUB-D male connector		Plug-in interface for RS485/RS422, 9-pin SUB-D female connector

Functional accessories

TX-RS232	100002599	TX-PSC	100002938
	Plug-in interface for RS232, 9-pin SUB-D female connector		Male power connector for TX HMI devices

Connection accessories - network

RJ45S-RJ45S-4422-2M	6635218
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