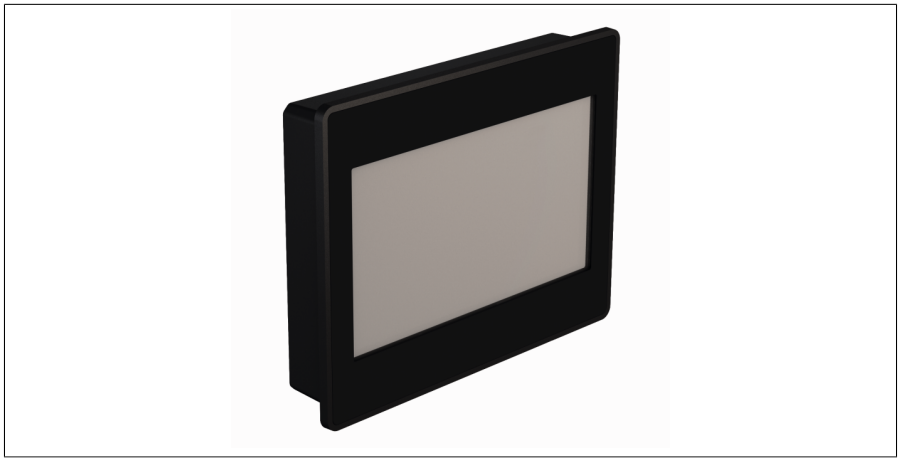
TX200 HMI / PLC Serie
7" Display - CODESYS V3 PLC mit TARGET & WEB VISU Hochwertiges Kunststoffgehäuse und Frontfolie mit resistivem Touch
TX207-P3CV01



- 7” Widescreen TFT Farbdisplay
- LED Hintergrundbeleuchtung
- 800x480 Pixel Auflösung
- 64K Farben
- Resistiver Touchscreen
- 2 separate RJ45 Ethernet Ports
- 4 Serielle Schnittstellen (2x RS232, 2x RS422/RS485)
- 2 CAN Schnittstellen
- 2 USB Host Ports

Typ	TX207-P3CV01
Ident-No.	100002080

Anzeige/Touch	
Display	TFT color
Touchscreen	resistiv, Frontfolie
Aktive Bildfläche	7″
Auflösung (Pixel)	800 x 480 WVGA
Format	16:9
Helligkeit	200 Cd/m² typ.
Dimmbar	Ja

Controller	
Prozessor	ARM Cortex A9, dual core 800 MHz
Speicher	4 GB Flash
RAM Speicher	1024 MB
Erweiterungsspeicher	2x USB Host Ports
Echtzeituhr	ja (akkugepuffert)

SPS Daten	
Programmierung	CODESYS V3
Freigegeben für CODESYS Version	V 3.5.12.10
Programmiersprachen	IEC 61131-3 (AWL, KOP, FUP, AS, ST)
Programmierschnittstelle	Ethernet
Programmspeicher	20000 kByte
Remanentspeicher	63 kByte

Ausgabe • 2023-10-31T20:12:17+01:00

Schnittstellen	
Onboard	2x RJ45 Ethernet, 4x RS232/485/422, 2x CAN, 2x USB Host, 1x Spannungsversorgung
Ethernet	ETH0 - 10/100/1000 Mbit ETH1 - 10/100 Mbit
Protokolle	PROFINET (Controller/Master) EtherNet/IP (Scanner/Master) Modbus TCP (Master/Slave) EtherCAT (Master)
Feldbus	Modbus RTU (Master/Slave) CANopen (Master)
USB	2x Host Ports
Seriell	2x RS232, 2x RS422 / RS485, 2x CAN

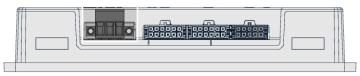
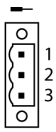
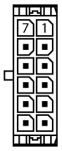
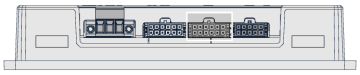
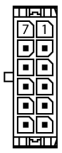
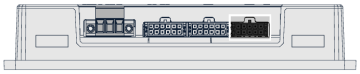
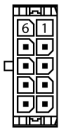
Stromversorgung	
Nennwert	24 VDC, 0,3 A maximal
Zulässiger Bereich Spannung	10...32 VDC

Allgemeine Daten	
Klima Betrieb	0…50 °C, 5…85 % rel. Luftfeuchte, nicht betauend
Klima Lagerung	-20...70 °C, 5...85% rel. Luftfeuchte, nicht betauend
Zulassungen	CE cULus
Schutzart	IP66 frontseitig, IP20 rückseitig NEMA Type: 2/4X

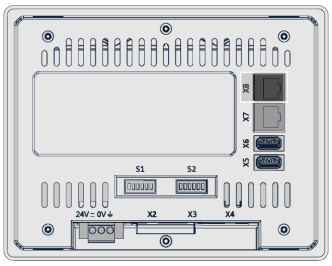
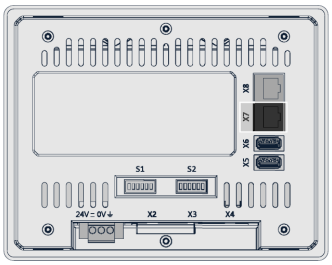
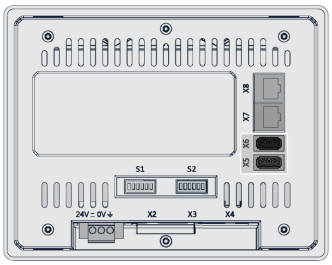
Abmessungen	
Front (B x H x T)	187 x 147 x 34 mm
Ausschnitt (B x H)	176 x 136 mm
Einbautiefe	29+5 mm
Gewicht	ca. 0.6 kg

Ausgabe • 2023-10-31T20:12:17+01:00

Anschlusstechnik und Pinbelegungen

	**Spannungsversorgung** Der Spannungsversorgungsstecker liegt jedem Gerät bei.	Pinbelegung  1 = 24 VDC 2 = 0 V 3 = ⏚
	**Serielle Schnittstelle** X2 – RS422/RS485 (COM2) + CAN (CAN0)	Pinbelegung  1 = CAN - GND 2 = CAN - terminating resistor 3 = CAN - CAN-H 4 = CAN - CAN-L 5 = CAN - terminating resistor 6 = RS485 - terminating resistor 7 = RS485 - GND 8 = RS485 - terminating resistor 9 = RS485 - Y (TX+) 10 = RS485 - Z (TX-) 11 = RS485 - A (RX+) 12 = RS485 - B (RX-)
	**Serielle Schnittstelle** X3 – RS422/RS485 (COM3) + CAN (CAN1)	Pinbelegung  1 = CAN - GND 2 = CAN - terminating resistor 3 = CAN - CAN-H 4 = CAN - CAN-L 5 = CAN - terminating resistor 6 = RS485 - terminating resistor 7 = RS485 - GND 8 = RS485 - terminating resistor 9 = RS485 - Y (TX+) 10 = RS485 - Z (TX-) 11 = RS485 - A (RX+) 12 = RS485 - B (RX-)
	**Serielle Schnittstelle** X4 – RS232 (COM1) + RS232 (COM4)	Pinbelegung  1 = GND (COM1) 2 = TX (COM1) 3 = RX (COM1) 4 = RTS (COM1) 5 = CTS (COM1) 6 = GND (COM4) 7 = TX (COM4) 8 = RX (COM4) 9 = RTS (COM4) 10 = CTS (COM4)

Ausgabe • 2023-10-31T20:12:17+01:00

	**Ethernet** X8 – Ethernet Port 1 (10/100 Mbit)	Pinbelegung  1 = TX + 2 = TX – 3 = RX + 4 = n.c. 5 = n.c. 6 = RX – 7 = n.c. 8 = n.c.
	**Ethernet** X7 – Ethernet Port 0 (10/100/1000 Mbit)	Pinbelegung  1 = TX + 2 = TX – 3 = RX + 4 = n.c. 5 = n.c. 6 = RX – 7 = n.c. 8 = n.c.
	**USB Schnittstellen**	Pinbelegung  1 = 5 VDC 2 = D – 3 = D + 4 = GND

Ausgabe • 2023-10-31T20:12:17+01:00

Zubehör

Typ	Ident-Nr.		Maßbild
TX200-MOUNT-07	100003206	TX200 Montagehalter und Spannungsversorgungssteckverbinder für 7" Geräte	

Funktionszubehör

Typ	Ident-Nr.		Maßbild
TX-PSC	100002938	Stecker Spannungsversorgung TX HMI Geräte	

Ausgabe • 2023-10-31T20:12:17+01:00