

TX100 HMI Series

10" display with TX VisuPro Runtime

High-Quality Plastic Housing and Front Foil with a Resistive Touch

TX110-00VPST



- 10.1" TFT color display
- LED backlight
- 1024 x 600 pixel resolution
- 64 K colors
- Resistive touch screen
- 1 RJ45 Ethernet port
- 1 serial interface (RS232, RS485, RS422)
- 1 USB host port

Type designation		TX110-00VPST
Ident-No.		100002313
Display / Touch		
Display		TFT colour
Touch		Resistive
Active screen area		10.1"
Resolution (pixels)		1024 × 600 WVGA
Format		16:9
Brightness		200 Cd/m² typ.
Dimmable		yes
Controller		
Processor		ARM Cortex A8, 1 GHz
Memory		4096 MB
RAM memory		512 MB
Add-on memory		1 x USB host port
Interfaces		
Onboard		1 x RJ45 Ethernet, 1 x RS232/485/422, 1 x USB host, 1 x power supply
Ethernet		1 x 10/100 Mbit
USB		1x Host Port
Serial		RS232 / RS485 / RS422
Power supply		
Rated value		24 VDC, max. 0.38 A
Admissible voltage range		10...32VDC
General data		
Operating ambient conditions		0...50 °C, 5...85 % rel. humidity, non-condensing
Storage ambient conditions		-20...70 °C, 5...85 % rel. humidity, non-condensing
Protection class		IP66 front, IP20 rear
Dimensions		
Front (W x H x D)		282x197x35mm
Cut-out (W x H)		271x186mm
Mounting depth		29+6 mm
Weight		approx. 1 kg


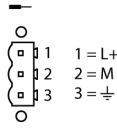

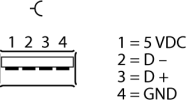
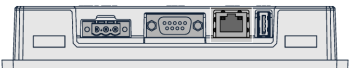


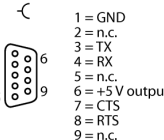
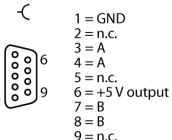
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Connection and pin assignment

	<p>Power Supply</p> <p>The power supply connector is delivered with each device. It can be reordered at Turck as accessories.</p> <p>Type designation: TX-Mount-xx</p>	<p>Pin Assignment</p> 
	<p>USB Interfaces</p>	<p>Pin Assignment</p> 
	<p>Ethernet Ports</p> <p>The Ethernet ports are connected to each other via an internal switch.</p> <p>Ethernet cables (examples):</p> <p>RJ45 male connector – RJ45 male connector: RJ45S-RJ45S-4414-2M (order number: 6441423)</p> <p>RJ45 male connector – M12 male connector, 4-pin, D-coded: RSSD-RJ45S-4414-2M (order number: 6441413)</p> <p>RJ45 male connector – M8 male connector, 4-pin: PSGS4M-RJ45S-4414-2M (order number: 6933005)</p> <p>RJ45 male connector – M12 female receptacle, 4-pin, D-coded: RJ45-FKSDD-4414-2M (order number: 6935282)</p>	<p>Pin Assignment</p> 
	<p>Serial Interface</p> <p>The serial interface can be operated either as RS232, RS485 or RS422. The adjacent wiring diagrams show the respective pin assignments.</p> <p>Attention: In the RS485 mode, pins 3 and 4 as well as 7 and 8 must be externally connected!</p>	<p>Pin Assignment in RS232 Operating Mode</p>  <p>Pin Assignment in RS485 Operating Mode</p>  <p>Pin Assignment in RS422 Operating Mode</p> 