

TXF700 HMI Product Series in IP67

5" Display with TX VisuPro Runtime

Metal Housing with Full IP67 Protection, Glass Front with Capacitive Touch

TXF705-00VPST

Type	TXF705-00VPST
ID	100017839
Display/touch	
Display	TFT colour
Touchscreen	Capacitive, Glass front
Active screen area	5"
Resolution (pixels)	800 × 480 pixels WVGA
Format	16:9
Brightness	300 cd/m² typ.
dimmmable	Yes, To 0 %
Controller	
Processor	ARM Cortex A9, Dual core 800 MHz
Memory	4 GB Flash
RAM memory	1 GB
Real time clock	Yes (battery-buffered)
PLC data	
Interfaces	
Ethernet	1 × RJ45 PoE 10/100 Mbps
USB	1 × host port (special cable required)
Power over Ethernet	
PoE standard	IEEE 802.3af (PoE)
Power supply	
Power consumption	≤ 6 W
General data	
Operating ambient conditions	-20...55 °C, 5...85 % relative humidity, non-condensing
Storage ambient conditions	-30...80 °C, 5...85 % relative humidity, non-condensing
Approvals	CE cULus
Ex approval	Haz. Loc. Class I, Division 2, Groups A, B, C and D
Protection class	IP67
	NEMA type: 1/12/4X
Dimensions	
Front (W x H x D)	148.3 x 105.1 x 16.5 mm
Mounting depth	17 mm
Weight	approx. 0.5 kg



- 5" TFT wide screen color display
- LED backlight
- 800 × 480 pixel resolution
- 16 M colors
- Capacitive touch screen, multi-touch and gesture control
- 1 RJ45 PoE Ethernet Port 10/100 Mbps
- 1 USB host port
- Integrated temperature sensor and 3-axis accelerometer
- Front RGB LED
- Integrated beeper

Connection and pin assignment

	Ethernet Ethernet port with 10/100 Mbps The special M22 PoE cables (see accessories) must be used for IP67 protection	Pin Assignment  1 = TX + 2 = TX - 3 = RX + 4 = n.c. 5 = n.c. 6 = RX - 7 = n.c. 8 = n.c.
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Accessories

Type code	Ident-No.		Dimension drawing
TXF-MT-01	100020090	Pipe support for TXF705, 707 and 710	
TXF-MT-03	100020092	Wall Bracket for TXF705, 707 and 710	
TXF-MT-05	100022475	Multi-Purpose Bracket with Cable Gland for TXF705, 707 and 710	
TXF-MV-01	100020096	VESA Bracket for TXF700	
TXF-MV-02	100020097	VESA Adapter Plate for TXF700	
TXF-TABLE-01	100020098	Table Stand for TXF700	
TXF-MG-01	100020094	Gooseneck Mount for TXF705, 707 and 710	
TXF-M22W-RJ45-5M	100020099	PoE connection cable, M22 angled to RJ45, 5 m	
TXF-M22G-RJ45-5M	100020100	PoE connection cable, M22 straight to RJ45, 5 m	
TXF-M22G-RJ45-5M-USB-1M	100020101	PoE connection cable, M22 straight to RJ45, 5 m, USB jack 1 m	
TXF-M22G-M22G-5M	100020102	PoE connection cable, M22 straight to M22 straight, 5 m	
TXF-M22-TOOL	100020103	Tightening tool for M22 PoE cables	

Function accessories

Type code	Ident-No.		Dimension drawing
PSU20-POE-36W01	100017850	PoE injector (DIN rail), max. 36 W PoE output power	
PSU20-POE-36W02	100017852	PoE injector (M22 receptacle for IP67 connection), max. 36 W PoE output power	