

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



- 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

| | |
|----------------------------|--|
| Type | TXF705-00VPST |
| ID | 100017839 |
| Display/touch | |
| Display | TFT colour |
| Touchscreen | Capacitive, Glass front |
| Active screen area | 5" |
| Resolution (pixels) | 800 × 480 WVGA |
| Format | 16:9 |
| Brightness | 300 cd/m ² typ. |
| dimnable | 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 |






Connection and pin assignment

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


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 |  |



Accessories

| Type code | Ident no. | | Dimension drawing |
|-------------------------|-----------|---|---|
| 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 |  |

Accessories

| Type code | Ident no. | | Dimension drawing |
|--------------|-----------|------------------------------------|---|
| 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 |  |