



**Touchscreen TFT-Display for  
für clean room applications**

- Touch-screen
- 1 to 4 values visible
- Housing with connectors
- Simple operation and programming
- Analog and digital inputs
- UTP connector / Ethernet
- USB
- Modbus
- Simple menu structure freely programmable

4-digit digital display (display range -999 to 9999) with a large 20 mm high LED displays in DIN 96 x 48 mm housing for the display of 2 parameters. As input voltages can 0...1 V, 0...10 V or 0/4...20 mA streams are processed. It provides the indicator for supplying a DC voltage of 2 two-wire transmitters.

The display is automatically switched in a cycle of about 5 seconds on the two measures.

The indicators, in conjunction with our combined humidity temperature transmitters PFT 22 are used to indicate these two metrics. The supply of the indicator can be done with 230 Vac or 24 Vac or 24 Vdc. The display size and the units of the measured values are printed on the front panel.

	<b>ACCURACY / ERROR LIMIT:</b>
Measuring accuracy:	1.5% of the scale
Input Impedance:	150 mA / 15 kOhm
	<b>TECHNICAL SPECIFICATIONS:</b>
Analog unit:	0 ... 10 VDC, 0/4 ... 20 mA (switchable via jumper)
Digital input:	Logic 0 = 0 ... 6V / logic 1 = 18-24V (maximum 1000 Hz)
Ambient temperature:	-10 to + 50 ° C
Humidity:	5% to 90% (non-condensing)
Inputs:	4 x analog, 4 x digital, RS485, Modbus RTU
Outputs:	2 x Relay: 125 VAC -0.5A; 30VAC-1A; 60 VDC - 0.3 A / 5 msec; RS-232, RS485; +24 VDC (2x) max. 0.5A
Ethernet:	Standard 10/100 Mbaud
USB:	Standard PC
SD input:	Micro SD
	<b>PHYSICALLY:</b>
Display:	3.5 „TFT color display
Housing:	plastic
Protection class:	Front IP65 / cable connection IP00
Dimensions:	150 x 120 x 50 mm
Assembly:	Panel mounting (snap-in) - installation dimensions: 127 x 107 mm
Weight:	Approx. 250 g
	<b>ELECTRONIC:</b>
Power supply:	24 VDC +/-20% or 24 VAC +10%/-20%
Power consumption:	12 VA

<b>3.5“ TFT Touchscreen-Display, dimensions 150 x 120 mm</b>	<b>Item no. 4595</b>
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