

# Monitors



## TFT monitor

Installation variant for surfaces and command panels.

### Benefits:

- High-quality industrial design
- Reduced installation work thanks to integral front frame
- No additional ventilation required
- Very small installation depth (45 mm)
- Resistive touchscreen for operation with a pen, finger or glove

### Material:

- Front frame: Aluminium

### Surface finish:

- Powder-coated

### Colour:

- RAL 7035

### Protection category IP to IEC 60 529:

- IP 65 (at the front)

### Supply includes:

- Seal, hex nuts (for installation in surfaces), VGA cables, rear threaded bolts M5 (14). Touch variants additionally with integral connection cable and CD-ROM driver

Size	Width mm	Height mm	Model No.	
			Touch	
			Without <sup>1)</sup>	Resistive, USB
15"	430	343	<b>6450.010</b>	<b>6450.070</b>
17"	482.6	354.8	<b>6450.020</b>	–
19"	482.6	399.3	<b>6450.170</b>	–

<sup>1)</sup> With anti-reflection coated safety glass screen

### Note:

- Other variants as resistive touchscreen with serial or USB interface are also possible



### Also required:

- Mounting kit 6053.800 (for installation in Comfort Panel), see page 705
- Mounting kit 6053.500 (for installation in Optipanel), see page 705
- Power pack 6450.050, see page 706 and
- Connection cable 6450.060, see page 706, if an operating voltage of only 100 – 240 V AC is available instead of 12 V (DC).

### Technical details:

Available on the Internet

Technical specifications	15"	17"	19"
Resolution of display (max. pixels)	1024 x 768	1280 x 1024	1280 x 1024
Resolution of controller/million colours	VGA-XGA/16.2	VGA-SXGA/16.7	VGA-SXGA/16.2
Brightness cd/m <sup>2</sup>	400	350	250
Contrast ratio	700:1	1000:1	500:1
H-Sync. kHz/V-Sync. Hz	31.4 – 80/60 – 75	31.4 – 80/60 – 75	31.5 – 80/60 – 75
Reading angle horizontal (right/left)	80°/80°	85°/85°	88°/88°
Reading angle vertical (top/bottom)	70°/70°	80°/80°	88°/88°
Backlight/operating time h	LED/min. 50,000	LED/min. 50,000	Tubes/min. 40,000
On-screen display (OSD)	Operating buttons on the rear		
VGA input/DVI-D	D-SUB HD 15-pole/DVI-D jack		
Rated voltage V (DC)	12		
Power consumption (W)	15	20	40
Operating temperature/storage temperature	0°C...+50°C/ -40°C...+85°C	0°C...+50°C/ -30°C...+85°C	0°C...+50°C/ -20°C...+60°C
Max. humidity during operation and storage Non-condensing	90% rel. humidity for 240 h	80% rel. humidity for 300 h at 50°C	80% relative humidity



## Power pack

### for TFT monitor

- With IEC 320 socket
- With cable (1.5 m) for connecting to the TFT monitor

Dimensions, W x H x D: 107 x 30 x 59 mm

### Technical specifications:

- Input voltage: 100 – 240 V
- Output voltage: 12 V (DC)
- Operating temperature: 10°C...40°C

Packs of	Model No.
1 pc(s).	<b>6450.050</b>

### Material:

- Enclosure: Plastic



## Connection cable

### for power pack

With IEC connector at one end.

Length: 1.5 m

Packs of	Model No.
1 pc(s).	<b>6450.060</b>