

## SIMATIC HMI

### **Product information on the operating instructions TP 170micro, TP 170A, TP 170B, OP 170B, Edition 03/2004**

The product information contains important notes. It supplements chapter 12.5 on the operating instructions TP 170micro, TP 170A, TP 170B, OP 170B, edition 03/2004.

If there are discrepancies, this product information can be considered more up-to-date than the operating instructions, release notes and online help.

The product information is a component of the operating instructions TP 170micro, TP 170A, TP 170B, OP 170B, edition 03/2004.

## 12.5 Environmental Conditions

### Permissible ambient conditions

Environmental Conditions	TP 170micro, TP 170A, TP 170B, OP 170B
Mounting position	Vertical
Max. permissible angle of inclination without external ventilation	±35°
Max. permissible ambient temperature	
Operation	
Vertical installation	0 ... +50 °C
Installation angled from the perpendicular to max. 35°	0 ... +35 °C
Shipping, storage	-20 ... +60 °C
Shock load	
Operation	15 g / 11 ms
Shipping, storage	25 g / 6 ms
Vibration	
Operation	0,075 mm (10 ... 58 Hz); 1 g (58 ... 150 Hz)
Shipping, storage	3,5 mm (5 ... 9 Hz); 1 g (9 ... 500 Hz)
Air pressure	
Operation	1080 ... 795 hPa (corresponds to an altitude of -1000 m to 2000 m)
Shipping, storage	1080 ... 660 hPa (corresponds to an altitude of -1000 m to 3500 m)
Relative atmospheric humidity	
Operation, transport, storage	10 ... 85%, no condensation
Contaminant concentration	SO <sub>2</sub> : <0,5 ppm RH <60 %, non-condensing H <sub>2</sub> S: <0,1 ppm RH <60 %, non-condensing