



Main

Range of product	Pro-face SP5000
Product or component type	Touch panel screen

Complementary

Display size	7 inch
Display type	Colour TFT LCD
Display colour	262144 colours
Display resolution	800 x 480 pixels WVGA
Touch panel	Single touch analogue resistive
Backlight lifespan	50000 hours with white
Brightness	1000 cd/m2
[Us] rated supply voltage	12...24 V DC
Inrush current	30 A
Input voltage limits	10.8...28.8 V DC
Voltage endurance	1000 V AC during 1 min
Maximum power consumption in W	29 W
Power consumption in W	29 W 17.5 W 12.5 W (backlight off (standby mode)) 15 W (backlight dimmed (brightness: 20%))
Electrical connection	Cable 2 mm ² , AWG 14, max resistance 100 Ohm for functional grounding
Type of cooling	AN (air natural)
Fixing mode	By 4 screws, mounting on 1.6...5 mm thick panel
Cut-out dimensions	190 x 135 mm panel cut dimension
Height	148.6 mm
Width	203.6 mm
Depth	37 mm
Net weight	1.3 kg

Environment

Standards	UL 61010-2-201 CSA C22.2 No 61010-2-201 ANSI/ISA 12.12.01 CSA C22.2 No 213 Class I Division 2
Product certifications	UL[RETURN]cUL[RETURN]CE[RETURN]UKCA[RETURN]KC[RETURN]RCM[RETURN]EAC[RET
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive 2011/65/EU - RoHS 2015/863/EU - RoHS directive 1907/2006/EC - REACH directive 2014/34/EU - ATEX directive 2014/53/EU - radio equipment directive
Ambient air temperature for operation	-30...65 °C
Ambient air temperature for storage	-30...70 °C
Relative humidity	10...90 % non-condensing
Storage Relative Humidity	10...90 % non-condensing
Operating altitude	2000 m
IP degree of protection	IP66f
Pollution degree	2
Environmental characteristic	Corrosive gas free
Shock resistance	392 m/s ² for 11 ms (X, Y, Z directions for 3 times) conforming to IEC 60068-2-27
Vibration resistance	7 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 60068-2-6
Insulation resistance	>= 10 MOhm
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 cm
Package 1 Width	21.500 cm
Package 1 Length	26.500 cm
Package 1 Weight	1.544 kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	7.290 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes