



***POLARIS II  
Panel PC 15"***

**Features**

- In the stainless enclosure tiltable
- Ethernet interface
- Stainless steel enclosure
- Graphics-capable TFT colour display
- Direct linkage in hazardous areas
- Optional touch screen
- Optional WLAN

**Description**

The POLARIS II Panel PC 15" is based on a fast Intel® Atom™ Processor.

The Ethernet interface enables individual computers or network devices such as for example a printer to be connected to an existing local network (LAN) (optionally through WLAN also) or local networks to be set up completely wirelessly.

Allows high-performance visual display and operation of the processes directly on site.

State-of-the-art display technology provides optimum contrast even with a large viewing angle.

To allow the greatest ease in utilisation the devices are available for wall, floor or table mounting.

A keyboard with integrated trackball or touchpad can be connected. There is also the option of a touch screen for the ultimate in operating ease.

As standard, the POLARIS II Panel PC 15" has pre-installed Windows® XP Professional. This means that the Panel PCs are open for many different software packages, for example customized software or various types of commercially available standard visualisation software.

**Explosion protection**

**Zone 2 Ex protection type**  
II 3G Ex nA IIC T5

**Certification**  
IBExU09ATEXB009

**Zone 21/22 Ex protection type**  
II 2D Ex tD A21 IP65 T100 °C  
-25°C ≤ Ta ≤ +50 °C

**Certification**  
IBExU09ATEX1113 X

**Protection class**  
IP 65

**Technical data**

**Design**

Stainless steel enclosure

**Display**

- 15" TFT graphic display
- 262.144 colours
- XGA resolution 1024 x of 768 pixels
- Brightness 350 cd/m<sup>2</sup>
- Visible surface approx. 304 x 228 mm
- Contrast 500:1
- Option of touch screen (resistive)

**Backlighting**

- CFL technology
- Service life approx. 50.000 hours (at +25 °C)

**Computer capacity**

- Intel® Atom™ Processor 1.6 GHz
- 1 GB RAM
- 8 GB CF memory
- further memory variants available on request

**Interfaces (basic version)**

- 2 x Ethernet 100BaseT
- 2 x PS/2 for keyboard and mouse
- 2 x RS232 Sub D (2 x RS232 optional)
- 4 x USB

**Operating system**

Windows®XP Professional (pre-installed)

**Dimensions** (width x height x depth)

610 mm x 450 mm x approx. 100 mm

**Weight**

approx. 17 kg

**Rated voltage**

AC 110 to 230 V, 47 to 63 Hz  
DC 24 V

**Input voltage range**

AC 90 to 253 V  
DC 24 V ± 10 %

**Max. power consumption**

P<sub>max</sub> < 75 W

**Permissible ambient temperatures**

Storage -25 °C to +60 °C  
Operation 0 °C to +50 °C

**Relative air humidity**

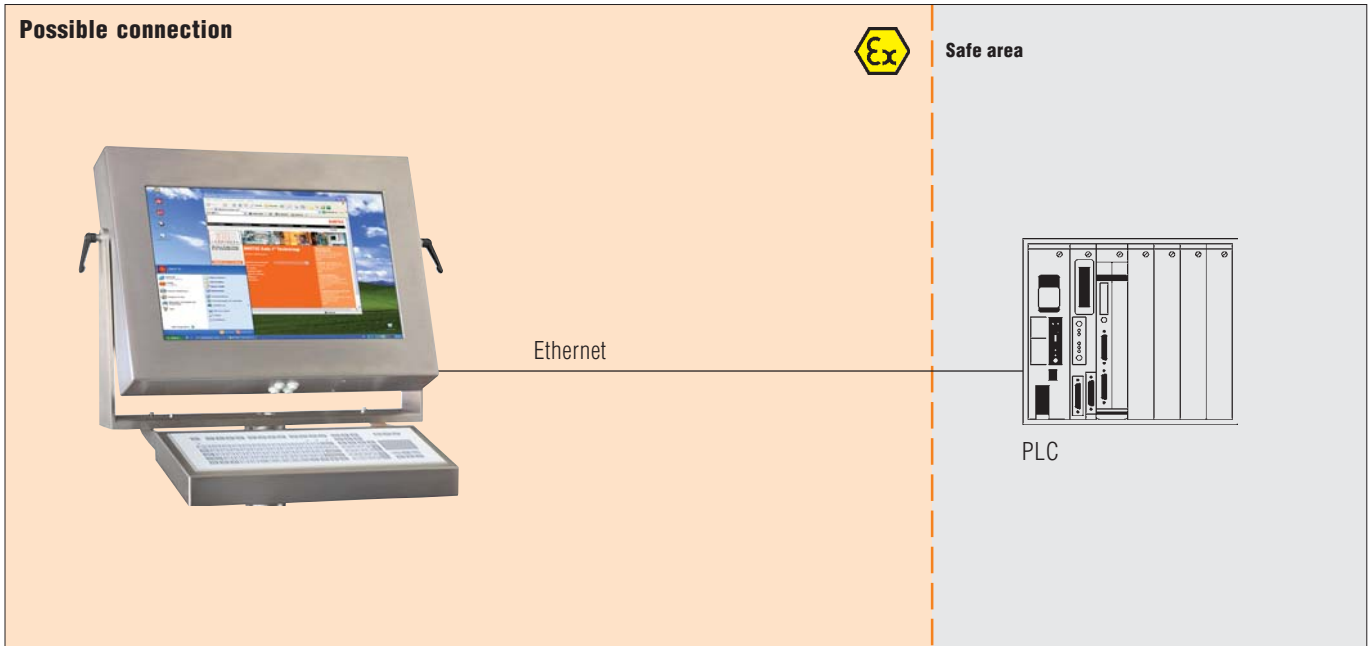
5 to 95% non-condensing

**Material**

Stainless steel

**Optional accessories**

- Keyboard with integrated trackball 38 mm
- Keyboard with integrated trackball 50 mm
- Keyboard with integrated touchpad



**Selection chart**

Version	Code no.	Input voltage	Code no.	Description	Code no.	Keyboard language	Code no.	Insert unit	Code no.
POLARIS II Panel PC 15" without touch screen	1	AC 90 to 253 V	1	Base unit, tilt	0	German	1	Trackball 50 mm	1
				Table mounting, swivel/tilt	1	English	2	Trackball 38 mm	2
POLARIS II Panel PC 15" with touch screen	2	DC 24 V	2	Floor mounting, swivel/tilt	2	French	3	Touchpad	4
				Wall mounting, swivel/tilt	3				

➔ **Complete order no.** 17-7  V4-    0/   00

Please insert correct code.  
Technical data subject to change.

Ex area	Code no.
Zone 21/22	1
Zone 2	2