

## iPC-EX operator terminals 15" display

iPC-EX operator terminals can be used in the hazardous area category II 2 G (zones 1 and 2). They can be connected to any PC with standard ports: 15 pin analog graphic card for monitor and PS/2 ports for a keyboard and a mouse. The operator terminals consist of several separate components:

- EXVID Exq display in various sizes and with various resolutions
- EXTA-K IS keyboard with various mouse systems
- SK-KVM Line driver, converts the standard PC ports to optical fibre technology and connects the Ex components. It can also be used to connect a local operator terminal

Complete **Ex operator terminals** are available in the form of several packages, with a stainless steel surface-mounting case and keyboard / mouse:

- LETO-N Compact stainless steel case
- FERA-N Compact stainless steel case
- FERA-T Compact stainless steel case with desk console
- FERA-H Compact stainless steel case with heating
- AXENA-N Stainless steel case with swivel-type display
- AXENA-T Stainless steel case with swivel-type display with desk console
- AXENA-H Stainless steel case with swivel-type display and heating
- AXENA-V Stainless steel case with swivel-type display with cooling
- ORTRA-N Stainless steel command station

For **panel mounting** the housing REX with optionally orderable keyboard is available.

- REX Panel mounting, suitable for integration in any type of case

## EXVID displays 15" display

### EXVID-15XC Exq 15.0" display

The EXVID Exq display can be used in the hazardous area category II2G (Zones 1 and 2). It can be connected to any PC by means of the SK-KVM. The display has XGA resolution with 1024 x 768 pixels as default. Other resolutions (VGA - UXGA) can be zoomed to XGA (SK-KVM). From the point of view of the software application, the display is an 'ordinary' monitor. The software therefore does not need to be modified in any way.



## Technical data

| <b>EXVID-15XC</b>   |  |
|---|--|
| <b>Approval:</b>  |  |
| Type of protection:   | II2G, EEx qe [ib] IIC T4   |
| Approval:   | IBEXU 01 ATEX 1099   |
| Degree of protection:   | Front panel: IP 65   |
| <b>Ambient conditions (operation):</b>  |  |
| Temperature range:  | -20 °C – +40 °C  |
| Relative humidity:  | Max. 85% without condensation (48 h endurance test)  |
| <b>Ambient conditions (storage):</b>  |  |
| Temperature range:  | -20 °C – +70 °C  |
| <b>Mechanical data:</b>   |  |
| Resolution:   | XGA 1024 x 768 pixel   |
| Type:   | TFT, LCD, High Color   |
| Refresh rate:   | 75 Hz  |
| Screen diagonal:  | 15.0"  |
| Contrast:   | 300:1  |
| Brightness:   | 200 cd/m <sup>2</sup>  |
| Viewing angle:  | 160°   |
| Weight:   | Approx. 35 kg  |
| Dimensions (W x H x D) in mm:   | 583 x 483 x 111  |
| Supply voltage Type -DC:<br>fuse FUSE for EXVID-30-50ATH<br>Shut-off rating I <sub>A</sub> =50A | 24V DC ± 20%, typ. 1.7 A, max 2 A (Exe)  |
| Type -AC:<br>fuse FUSE for EXVID-30-50ATH<br>Shut-off rating I <sub>A</sub> =35A                | 100V AC / 50 - 60 Hz, typ. 0.41 A, max 0.48 A (Exe)<br>240V AC / 50 - 60 Hz, typ. 0,17 A, max. 0,2 A (Exe)                     |
| Material Front panel:   | Stainless steel (1.4301), brushed, graining 240 µm   |
| Rear panel:   | Stainless steel (1.4301)   |
| <b>Data ports:</b>  |  |
| PC interface:   | Optical fibre cable from display to linedriver up to maximum 750 m<br>Type Optical fibre: 2 x 50/125 µ with SC plug connectors |
| Keyboard:   | Type: TTL/ PS/2 (IS, screw terminal)   |
| Mouse:  | Type: TTL/ PS/2 (IS, screw terminal)   |
| Barcode reader (optional):  | Type: ENT-DC (IS, screw terminal)  |
| OSD menu control:   | Type: digital (IS, screw terminal)   |
| Enable switch keyboard + mouse (optional):  | Type: digital (IS, screw terminal)   |