

# SIEMENS

## Product data sheet

**6AV6671-5AE01-0AX0**

 CONNECTIVITY BOX PN BASIC FOR MOBILE  
 PANELS (PROFINET)


### Control elements

#### Expansions for operator control of the process

|   |  |
|---|--|
| Hot swapping                                | with emergency stop circuit interruption |
| without emergency stop circuit interruption | No                                       |
| with emergency stop circuit interruption    | Yes                                      |
| Monitoring the STOP button                  | No                                       |
| Location identifier                         | Yes                                      |

### Supply voltage

|                      |                       |
|----------------------|-----------------------|
| Type of actuation    | DC                    |
| AC                   | No                    |
| DC                   | Yes                   |
| Rated voltage        | 24 V                  |
| permissible range    | +20.4 V to +28.8 V DC |
| Supply voltage range | 20.4 V                |
| Supply voltage range | 28.8 V                |

|   |                     |
|---|---------------------|
| Supply voltage                            | 24 V DC             |
| <b>Input current</b>                      |                     |
| Rated current                             | 0.4 A               |
| <b>Power</b>                              |                     |
| Power                                     | 10 W                |
| <b>Interfaces</b>                         |                     |
| Interfaces                                | 2 x Ethernet (RJ45) |
| <b>Industrial Ethernet</b>                |                     |
| Industrial Ethernet interface             | 2 x Ethernet (RJ45) |
| Industrial Ethernet status LED            | 6                   |
| <b>Degree and class of protection</b>     |                     |
| Enclosure according to EN 60529           | IP65                |
| IP20 housing                              | No                  |
| IP54 housing                              | No                  |
| IP65 enclosure                            | Yes                 |
| NEMA 4                                    | No                  |
| NEMA 4X                                   | No                  |
| NEMA 12                                   | No                  |
| <b>Standards, approvals, certificates</b> |                     |
| Certifications                            | CE, cULus, C-TICK   |
| CE  | Yes                 |
| CSA                                       | No                  |
| UL  | No                  |
| FM Class I Div. 2                         | No                  |
| GL  | No                  |
| ABS                                       | No                  |
| BV  | No                  |
| DNV                                       | No                  |
| LRS                                       | No                  |
| PRS                                       | No                  |
| Gost-R                                    | No                  |
| <b>Use in hazardous areas</b>             |                     |
| EX zone 2                                 | No                  |

|   |                  |
|---|------------------|
| EX zone 22                                  | No               |
| <b>Ambient conditions</b>                   |                  |
| <b>Operating temperature</b>                |                  |
| Operation (vertical installation)           | 0 °C to +50 °C   |
| in vertical mounting position/ minimum      | 0 °C             |
| in vertical mounting position/ maximum      | 50 °C            |
| <b>Storage/transport temperature</b>        |                  |
| Ambient temperature during storage, minimum | -20 °C           |
| Ambient temperature during storage, maximal | 70 °C            |
| Transport, storage                          | -20 °C to +70 °C |
| <b>Relative humidity</b>                    |                  |
| max. relative humidity                      | 85 %             |
| <b>Functionality under WinCC flexible</b>   |                  |
| <b>Applications/options</b>                 |                  |
| Connection point identification             | Yes              |
| <b>Dimensions</b>                           |                  |
| External dimensions (W x H x D) in mm       | 230 x 120 x 80   |
| Width                                       | 230              |
| Height                                      | 120              |
| Depth                                       | 80               |
| <b>Weight</b>                               |                  |
| Weight                                      | 0.45 kg          |
| <b>other</b>                                |                  |
| free hotline                                | Yes              |
| Warranty period                             | 1 a              |
| Status                                      | Mar 12, 2012     |