

SIMATIC IPC277E (Nanopanel PC); 12" Touch TFT; 2x 10/100/1000 Mbps Ethernet RJ45; 1x display port graphic; 1x USB 3.0; 3x USB 2.0; 1x serial (COM 1); CFast slot; 24 V DC power supply Celeron N2807 (2C/2T) 4 GB RAM; WIN Embedded Standard 7E SP1, English; 64 bit 256 GB Eco SSD; without SIMATIC software

| General information                  |                        |
|--------------------------------------|------------------------|
| Product type designation             | IPC277E                |
| Display                              |                        |
| Design of display                    | 12" TFT touch          |
| Screen diagonal                      | 12 in                  |
| Resolution (pixels)                  |                        |
| • Horizontal image resolution        | 1 280 pixel            |
| • Vertical image resolution          | 800 pixel              |
| Backlighting                         |                        |
| • MTBF backlighting (at 25 °C)       | 80 000 h               |
| Control elements                     |                        |
| Touch operation                      |                        |
| • Design as touch screen             | Yes; analog, resistive |
| Installation type/mounting           |                        |
| central design                       | Yes                    |
| Mounting in portrait format possible | Yes                    |
| Power loss                           |                        |
| In full configuration                | 32 W                   |
| Dimensions                           |                        |
| Width of the housing front           | 330 mm                 |
| Height of housing front              | 241 mm                 |
| Mounting cutout, width               | 310 mm                 |
| Mounting cutout, height              | 221 mm                 |
| Overall depth                        | 73 mm                  |
| Weights                              |                        |
| Weight, approx.                      | 2.75 kg                |
| Classifications                      |                        |

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 19-20-01-03    |
| eClass | 12      | 19-20-01-03    |
| eClass | 9.1     | 19-20-01-03    |
| eClass | 9       | 19-20-01-03    |
| eClass | 8       | 27-24-23-01    |
| eClass | 7.1     | 27-24-23-01    |
| eClass | 6       | 27-24-23-01    |
| ETIM   | 9       | EC001414       |
| ETIM   | 8       | EC001414       |
| ETIM   | 7       | EC001414       |

| Approvals / Certificates |                   |
|--------------------------|-------------------|
| General Product Approval | Marine / Shipping |



[Manufacturer Declaration](#)

[KC](#)



## Marine / Shipping



[NK / Nippon Kaiji Kyokai](#)

[CCS \(China Classification Society\)](#)



### Dangerous goods

### Environment

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