

## 3.2 Interface description

The basic version of the C6017 has the following interfaces:

- Power supply (X101)
- Ethernet RJ45 (X102, X103)
- DisplayPort (X104)
- USB (X105, X106)

### 3.2.1 Power supply

The Industrial PC is supplied with a rated voltage of 24 V. The 2x2-pin voltage socket (X101) is used for connection to the power supply and the external wiring of the Industrial PC. The main supply voltage is applied between PIN 3 (0 V) and PIN 4 (24 V) of the socket.

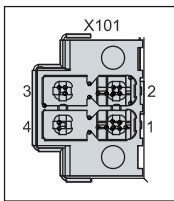


Fig. 2: C6017\_Voltage socket pin numbering

Table 2: Voltage socket pin assignment

Pin	Signal	Description
1	ON	PC_ON input
2	P-S	Power status output
3	GND	0 V
4	24 V	Power supply

The plug for the power supply is specified for 8 A and can accommodate cable cross-sections of up to 1.5 mm<sup>2</sup>. For long supply lines, use 1.5 mm<sup>2</sup> cables to achieve a low voltage drop on the supply lines. There should be at least 22 V at the power supply plug of the Industrial PC, so that the Industrial PC remains switched on during voltage fluctuations. The plug is included in the delivery. You can obtain a replacement plug from your Beckhoff Sales using the following ordering option:

- C9900-P943: Power supply connector for Industrial PC C60xx