

Profibus Communication Module for Drive

Technical Specifications

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Application: The PROFIBUS-DP communication board is to provide a PROFIBUS-DP-based link between drives of the Siemens MICROMASTER 4 product range and higher-level automation systems.

Dimensions: 161 mm x 73 mm x 43.5 mm

Climate class: Class 3K3 to DIN IEC 60 721-3-3 (in operation)

Cooling method: Natural air cooling

Supply voltage: $6.5V \pm 5\%$, max. 300mA, internal from basic inverter or $24V \pm 10\%$, max. 350mA, from external source

Output voltage: $5V \pm 10\%$, max. 100mA, electrically isolated supply

Data transmission rate: Max. 12 MBaud

Relative humidity: < 85 % during operation (condensation not permissible)

Permissible ambient temperature: $-10^{\circ}C$ to $+50^{\circ}C$

Note:

The communication module shall be compatible with 22kW spindle drive of item 10 and also with other drives of Siemens MICROMASTER 4 product range and higher-level automation systems like Siemens S7 series

Reference Make and Model: Siemens 6SE6400-1PB00-0AA0

Note:

1. Vendor to ensure compatibility with the existing systems here. Vendor shall prove-out integration of the supplied model in case it is different from the reference model.