

Overview



The PP 72/48 I/O module is connected to PROFIBUS DP and provides 72 digital inputs and 48 digital outputs. The 3 plug-in connectors for the inputs and outputs are 50-pole post links for connecting ribbon cables. Terminal strip converters can be used or the direct connection of distribution boards, for example, is possible.

Benefits

- Connection via PROFIBUS DP
- 3 post links with 24 digital inputs and 16 digital outputs each with 24 V DC, 0.25 A
- With mounting plate for easy mounting
- Integral 24 V DC power supply with electrical isolation between inputs and outputs and PROFIBUS

Technical specifications

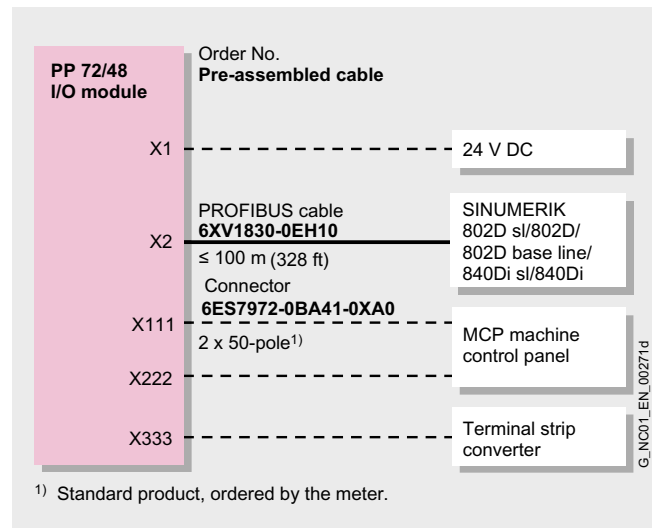
Order No.	6FC5611-0CA01-0AA0
Product name	SINUMERIK PP 72/48 I/O module
Input voltage	24 V DC
Power consumption, max.	11 W
Degree of protection to EN 60529 (IEC 60529)	IP00
Humidity rating in accordance with EN 60721-3-3	Class 3K5 condensation and icing excluded. Low air temperature 0 °C (32 °F).
Relative humidity	
• Storage	5 ... 95%
• Transport	5 ... 95%
• Operation	5 ... 95%
Ambient temperature	
• Storage	-20 ... +60 °C (-4 ... +140 °F)
• Transport	-20 ... +60 °C (-4 ... +140 °F)
• Operation	0 ... 50 °C (32 ... 122 °F)
Dimensions	
• Width	325 mm (12.8 in)
• Height	194 mm (7.64 in)
• Depth	35 mm (1.38 in)
Weight, approx.	1.2 kg (2.65 lb)

Integration

The PP 72/48 I/O module can be used for the following CNC controls:

- SINUMERIK 802D base line
- SINUMERIK 802D/802D sl
- SINUMERIK 840Di/840Di sl

A power supply (+24 V DC) is required for the module and the digital outputs.



Connection overview for PP 72/48 I/O module

Information about application, configuration and cable extensions can be found under Connection system MOTION-CONNECT.

Selection and Ordering Data

Designation	Order No.
SINUMERIK PP 72/48 I/O module	6FC5611-0CA01-0AA0
I/O module for 72 digital inputs and 48 digital outputs	
Accessories	
Terminal strip converter 50-pole	6EP5406-5AA00
Cable set comprising of: 6 m (19.7 ft) ribbon cable, 50-pole 8 insulation displacement connectors, 50-pole	6EP5306-5BG00
PROFIBUS cable	6XV1830-0EH10
PROFIBUS connectors	6ES7972-0BA41-0XA0