

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6FC5370-8AA30-0AA1

SINUMERIK CNC OPERATOR UNIT

Used with the applicable Siemens industrial automation configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation

Spare parts and accessories

9.1 Ordering data

Ordering data

SINUMERIK 828D is generally marketed in sales packages with drives, motors and accessories. For orders, please contact your local Siemens sales representative.

Designation	Article number
Panel Processing Unit without system software	
• PPU 241.3 BASIC horizontal	6FC5370-3AA30-0AA1
• PPU 240.3 BASIC vertical	6FC5370-4AA30-0AA1
• PPU 261.3 horizontal	6FC5370-5AA30-0AA1
• PPU 260.3 vertical	6FC5370-6AA30-0AA1
• PPU 281.3 horizontal	6FC5370-7AA30-0AA1
• PPU 280.3 vertical	6FC5370-8AA30-0AA1
• PPU 290.3	6FC5370-8AA30-0BA0
CompactFlash card with system software and license	
• For PPU 241.3 / PPU 240.3: Turning	6FC5835-1GY40- □ YA0
• For PPU 241.3 / PPU 240.3: Milling	6FC5835-2GY40- □ YA0
• For PPU 241.3 / PPU 240.3: Grinding	6FC5835-3GY40- □ YA0
• For PPU 261.3 / PPU 260.3: Turning	6FC5834-1GY40- □ YA0
• For PPU 261.3 / PPU 260.3: Milling	6FC5834-2GY40- □ YA0
• For PPU 261.3 / PPU 260.3: Grinding	6FC5834-3GY40- □ YA0
• For PPU 281.3 / PPU 280.3: Turning	6FC5833-1GY40- □ YA0
• For PPU 281.3 / PPU 280.3: Milling	6FC5833-2GY40- □ YA0
• For PPU 281.3 / PPU 280.3: Turning, Advanced Software	6FC5836-1GY40- □ YA0
• For PPU 281.3 / PPU 280.3: Milling, Advanced Software	6FC5836-2GY40- □ YA0
• For PPU 281.3 / PPU 280.3: Grinding, Advanced Software	6FC5836-3GY40- □ YA0

Components

Designation	Article number
Machine control panels:	
• MCP 483 USB	6FC5303-0AF32-0AA0
• MCP 310 USB	6FC5303-0AF33-0AA0
• MCP 483C PN	6FC5303-0AF22-0AA1
• MCP 310C PN	6FC5303-0AF23-0AA1

9.1 Ordering data

Designation	Article number
Interface module MCP Interface PN	6FC5303-0AF03-0AA0
Handheld electronic handwheel	6FC9320-5DE02
Mini handheld unit:	
• With spiral connection cable	6FX2007-1AD03
• With straight cable	6FX2007-1AD13
I/O modules:	
• PP 72/48D PN (only digital I/O)	6FC5311-0AA00-0AA0
• PP 72/48D 2/2A PN (digital and analog I/O)	6FC5311-0AA00-1AA0
Increased number of axes:	
• Numeric Control Extension NX10.3	6SL3040-1NC00-0AA0
• Numeric Control Extension NX15.3	6SL3040-1NB00-0AA0

Accessories

Designation	Article number
CompactFlash card (empty), 2 GB	6FC5313-5AG00-0AA2
CompactFlash card (empty as user memory), 8 GB	6FC5313-6AG00-0AA0
Front flap with fastening	6FC5348-2AA00-0AA0
Set of clamps (9x)	6FC5248-0AF14-0AA0
USB flash drive, 8 GB	6ES7648-0DC50-0AA0
SETRON PAC3200 Power Monitoring Device	7KM2112-0BA00-3AA0
SETRON PAC4200 Power Monitoring Device	7KM4212-0BA00-3AA0
PROFINET Switched Ethernet expansion module	7KM9300-0AE00-0AA0
MODEM MD720	6NH9720-3AA01-0XX0
ANT794-4MR antenna	6NH9860-1AA00
RS232 modem cable	6NH7701-5AN
SIMATIC DP PN/PN coupler	6ES7158-3AD01-0XA0
Terminal strip converter, 50-pin	6EP5406-5AA00
Cable set comprising:	6EP5306-5BG00
• 6 m ribbon cable, 50-pin	
• 8 insulation displacement connectors, 50-pin	
IP20 PLC I/O interface connecting cable (corresponds to DRIVE-CLiQ signal cable)	6FX2002-1DC00-...
Blanking plates for the DRIVE-CLiQ interface	6SL3066-4CA00-0AA0
Stabilized power supply SITOP lite 10 A 24 VDC, 1-phase	6EP1334-1LB00
Stabilized power supply SITOP smart 10 A 24 VDC, 1-phase	6EP1334-2BA01
Stabilized power supply PSU100S 20 A 24 VDC, 1-phase	6EP1336-2BA10