

****spare part**** SINUMERIK 828D Basic PPU 241.3 horizontal CNC hardware



General information	
product brand name	SINUMERIK
product designation	CNC control
product type designation	828D
product short term	PPU 241.3
Performance data	
consumed active power / maximum	60 W
relative positive tolerance / at DC / at 24 V	20 %
relative negative tolerance / at DC / at 24 V	15 %
performance class for CNC controllers	BASIC
buffering time / in the event of power failure	3 ms; 20 ms mit SITOP smart power supply
Display	
design of the display	TFT color
screen diagonal	10.4 in
horizontal image resolution / of the display	800 pixel
vertical image resolution / of the display	600 pixel
Degree of protection and class of protection	
protection class IP / on the front	IP65; With the front flap closed
protection class IP / rear side	IP20 / UL open type
Standards, approvals, certification	
reference code / according to IEC 81346-2	K
Ambient conditions	
environmental category / according to IEC 60721-3-3	Condensation and icing excluded. Low air temperature 0 °C (32 °F).
Substance Prohibitance (day/month/year)	08/01/2016
SVHC substance name	Lead CAS-No. 7439-92-1 Lead monoxide (lead oxide) CAS-No. 1317-36-8 4,4'-isopropylidenediphenol (Bisphenol A, BPA) CAS-No. 80-05-7 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof CAS-No. -
Ambient temperature	
• on the front / during operation	0 ... 45 °C, 32 ... 113 °F
• rear side / during operation	0 ... 55 °C, 32 ... 131 °F
• during transport	-20 ... +60 °C, -4 ... +140 °F
• during storage	-25 ... +55 °C, -13 ... +131 °F
Relative humidity	
• at 25 °C / during operation	5 ... 90 %
• at 25 °C / during transport	5 ... 95 %
• at 25 °C / during storage	10 ... 100 %

Installation type/mounting	
mounting position / of operating panel	Vertical
design, dimensions, weights / header	
width	483 mm, 19.02 in
height	220 mm, 8.66 in
depth	105 mm, 4.13 in
net weight	4.5 kg, 9.92 lb
Classifications	

		Version	Classification
	eClass	16	27-24-21-02
	eClass	14	27-24-21-02
	eClass	12	27-24-21-02
	eClass	9.1	27-24-21-02
	eClass	9	27-24-21-02
	eClass	8	27-24-21-02
	eClass	7.1	27-24-21-02
	eClass	6	27-24-21-02
	ETIM	10	EC001422
	ETIM	9	EC001422
	ETIM	8	EC001422
	ETIM	7	EC001422
	UNSPSC	15	43-20-15-42

Approvals / Certificates	
General Product Approval	EMV



[Declaration of Con-
formity](#)



EMV	Functional Saftey
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tion](#)

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tion](#)