METSO DNA / MAXDNA DCS

Product Data Sheet

PDP601

Distributed processing unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
Distributed processing unit	**Metso DNA / maxDNA DCS**	**United States**	**0.98 kg**

Metso PDP601 is a distributed processing unit for the Metso DNA / maxDNA DCS. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Part number	181585
Platform compatibility	Metso / Valmet DNA DCS v8.1 or later
Processor architecture	32-bit RISC CPU, PowerPC-based
Application memory	128 MB SDRAM
Firmware memory	64 MB Flash
I/O point capacity	Up to 16,000 points
Function-block capacity	50,000 or more
Scan cycle	100 ms maximum
Redundancy	1:1 hot standby with automatic failover
Automatic failover time	Less than 50 ms

Technical values are compiled from cross-checked third-party product records.

02 ADDITIONAL PRODUCT DATA

Ethernet interfaces	2 × 10/100 Mbps TCP/IP
Ethernet functions	DNA network and engineering access
Serial interface	1 × RS-485
Serial protocol	Modbus RTU / Master
Optional fieldbus	PROFIBUS-DP through an optional module

03 APPLICATION FIELDS

- Pulp and Paper Automation: Pulp and Paper
- Mineral Beneficiation and Material Handling: Mining and Minerals
- Power and Utility Control: Energy and Utilities

04 SYSTEM COMPATIBILITY

Match PDP601 to the installed Metso DNA / maxDNA DCS, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 REFERENCE SOURCES

Cross-checked third-party PDP601 product records

https://www.dcsmodule.com/pdp601-181585-dpu-metso-dpu-distributed-processing-unit_p20784.html

AMIKON PRODUCT SUPPORT

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