

Lenze E84DGFCRANP

8400 motec PROFINET Communication Unit

Product scope

- Connects an 8400 motec drive to PROFINET.
- Transfers cyclic process data and acyclic diagnostic information.
- Supports network commissioning and drive status exchange.
- Requires restoration of device name, IP settings and parameters.

Manufacturer source

Lenze 8400 motec PROFINET Communication Unit manual EDS84DMOTPNET EN 2.0.

This English product record summarizes manufacturer-verified function, operating principle, application and exact-model matching requirements.

Request a fast quote	Product reference	
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8400 motec PROFINET Communication Unit

Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Communication speed	100 Mbit/s with automatic detection
Process-data width	1 to 8 words of 16 bits
Logical process-data channels	1
Maximum cable length	100 m between nodes
Rated auxiliary voltage	24 V DC
Insulation voltage to PE	50 V AC
Digital inputs	5
Digital outputs	1
Free option slots	5
Operating temperature	-30 to +55 deg C, class 3K3
Storage temperature	-30 to +60 deg C, class 1K3
Transport temperature	-30 to +75 deg C, class 2K3
Enclosure rating	IP65
Communication profile	PROFINET RT, Conformance Class B
Network role	PROFINET IO Device
Supported topologies	Tree, star and line
Integrated switch	Two-port switch for line topology
Identification functions	I&M; 0 through I&M; 4
Status indication	Four communication LEDs with Link / Activity
Controller enable	Integrated
Connector execution	I/O terminal variant with PN-IN and PN-OUT
Minimum compatible drive firmware	8400 motec V03.01.00.13 for PROFINET
Device description	GSDML for Lenze PROFINET devices

Official references

- Lenze 8400 motec PROFINET Communication Unit manual EDS84DMOTPNET EN 2.0.

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Function

The communication unit connects an 8400 motec drive to a PROFINET automation network.

Operating principle

It exchanges cyclic process data and acyclic parameter or diagnostic information between the drive controller and the PROFINET IO controller.

Application

The unit supports distributed motor-control installations that require networked commands, status feedback and commissioning access.

Replacement boundary

Verify drive firmware, device name, IP configuration, topology, connector assignment and saved parameter set before replacement.



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