

SOLAR POSITIONER MICRO

Solar Positioner MICRO POZSOL36A1DR / 0436



Solar Positioner MICRO for Dual Axis Tracking

With even better communication, usability and accuracy, the Solar Positioner MICRO set a new Positioning Accuracy Standards. With easy installation, safe operation, a simplified assembly concept, USB tracker and RS485 plant communication: the new generation of positioners is ideally suited in single and middle size stand-alone grids. With the Sigma Server, Solar Positioner MICRO creates complete, integrated system for monitoring, diagnosis and configuration of the PV plant.

Overview

Professional

- Drive and positioning of Dual Axis Solar Trackers
- Integration of Sat Control equipment into existing control-room technology

Flexible

- Data interface in accordance with the communication standards in the field of automation technology
- Simple and fast installation, high reliability

Reliable

- Direct communication with Helios Analytics
- Meets the requirements of the EU Medium-Voltage Directive for grid safety management

SAT CONTROL
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Technical Capabilities

Operation

Geometrical Operation	Dual Axis Positioner
Type	Stand alone Positioner

Communication

Tracker communication	Primary - USB, secondary - RS485 and MODBUS
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Engine

Engine	For Max. 2 Linear Motors or Slewing drive
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Max. communication range

RS485	1000 m
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Power supply

Power supply	External Power Supply
Input voltage	24VDC +/- 10%
Power consumption	Type 4 W / max. 12 W / 0,5 W Stand By

Environmental conditions in operation

Ambient temperature	-20 °C ... +60 °C
Relative air humidity	0 % ... 45 %, non-condensing

General data

Dimensions (W / H / D) in mm	110 / 55 / 17
Weight	100 g
Mounting location	Indoors
Mounting options	DIN rail mounting
Status display	LEDs
Hall signals	2 Hall signals per Axis
End switches	2 Switches per Axis (one required, one optional)
Manual buttons	2 (East-West, Reference)
Upgrading	In The Field via USB, RS485 or MODBUS

Languages

Software language	English
Language versions manual	English

Features

Warranty	2 years
Certificates and approvals	www.Solar-Motors.com
Life Time	10 years