

Z-ME-KZ-PS

Digital Axis Motion Controller

Product identification

ATOS Z-ME-KZ-PS is the Digital Axis Motion Controller for Z-ME Axis Controllers. It controls electrohydraulic position, velocity and force using proportional valves and feedback transducers.

Parameter	Official value
Manufacturer	ATOS
Model	Z-ME-KZ-PS
Product Family	Z-ME Axis Controllers
Product Type	Digital Axis Motion Controller

Technical information

Parameter	Official value
Controller Type	Digital axis motion controller
Control Modes	Position and alternate force/pressure
Supply	24 VDC
Programming Interface	RS-232 via DB9
Software	ATOS Z-SW
Position Reference	Internal or external
Feedback	Potentiometer and documented analog transducers
Analog Signals	± 10 VDC or 4-20 mA where configured
Display	Four-digit front-panel display
Keys	ESC, ENT, UP and DWN
Mounting	Eurocard rack
Mechanical Standard	DIN 41494
Valve Interface	Proportional directional valve command
Fieldbus	Not included in base PS suffix
Diagnostics	Front-panel and software parameter access

Applications

- Closes electrohydraulic position loops for proportional directional valves.
- Coordinates motion where force or pressure limiting must alternate with position control.
- Fits modular Eurocard control racks used in presses, forming machines and hydraulic test systems.

Control Modes

- Official documentation specifies control modes as Position and alternate force/pressure for this configuration.
- Official documentation specifies position reference as Internal or external for this configuration.
- Official documentation specifies valve interface as Proportional directional valve command for this configuration.

Signal Interfaces

- Official documentation specifies programming interface as RS-232 via DB9 for this configuration.
- Official documentation specifies feedback as Potentiometer and documented analog transducers for this configuration.
- Official documentation specifies analog signals as ± 10 VDC or 4-20 mA where configured for this configuration.

Operator Setup

- Official documentation specifies display as Four-digit front-panel display for this configuration.
- Official documentation specifies keys as ESC, ENT, UP and DWN for this configuration.
- Official documentation specifies mounting as Eurocard rack for this configuration.

Selection and installation checks

- Do not assign canopen or profibus features to the base ps suffix.
- Match the feedback transducer and analog signal type.
- Preserve axis parameters before changing the controller.

Request a quotation
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Product reference
Z-ME-KZ-PS
Digital Axis Motion Controller



Manufacturer source

ATOS G340OBS official datasheet