

**Serie MR 280**



Applications:

- High-speed control
- Arbitrary position of the cams
- As independent module, without SPS one operates
- Operational areas:
  - Paking machines, Printing machines,
  - Presses, Racking machines

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**Description**

The Electronic Geared limit switch MR 280 which by the LCD - graphics display simply to serve is, is equipped with a very efficient microprocessor. Its most important characteristic is those very fast cycle time (up to 200 $\mu$ s). The independent operation over the graphics display is likewise a weighty advantage. Besides this transmission limit switch is usable without the employment of a SPS! By the module-like structure hard- and software are very various configuration options possible.

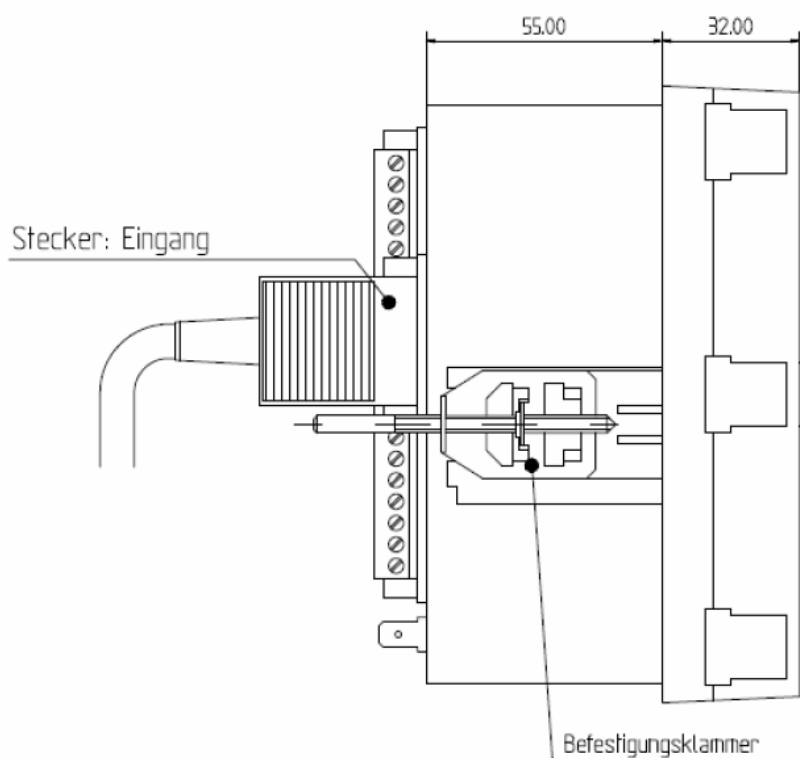
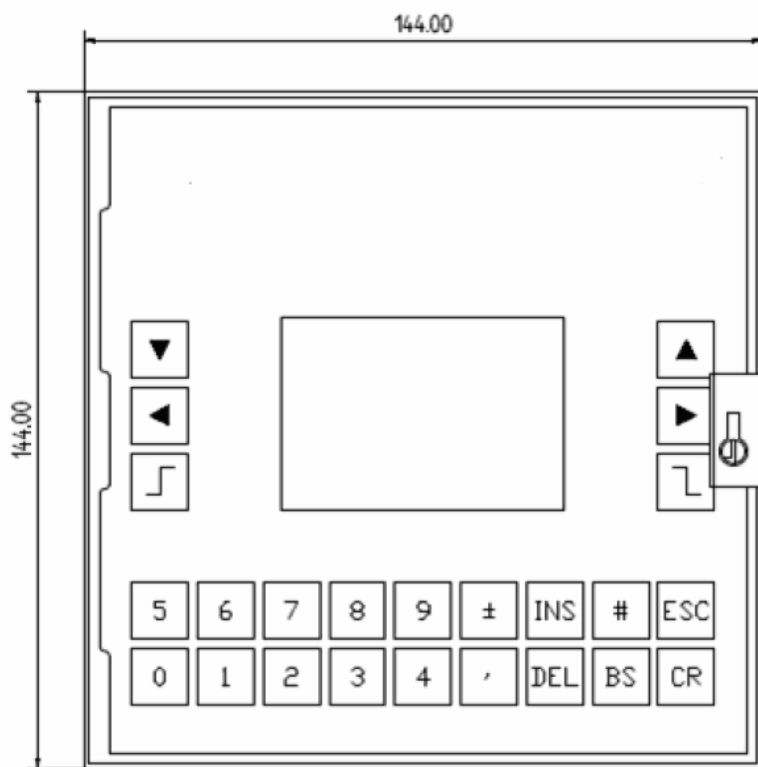
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**Characteristics**

- As many as desired cams per trace
- Freely selectable cam programs
- Channel way dead time compensation
- Stop monitoring
- No hysteresis
- External zero shift
- Direction of rotation recognition
- Teach – in - programming
- Plain language inscription for exits and programs
- PC programming / simulation
- SSI, incremental way measuring system
- SPS - Logic - module
- Password protection

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Outline drawing



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**Technical data**

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<b>Type of device</b>	<b>MR280</b>
CPU	Motorola Coldfire
Display	LED – Diagram display (lights up)
Outputs	16 / 24 / 32
Inputs	8 / 16
Expansion interface	To maximum 200 E / A
Angle coder	SSI
Programmable cams	1200 / 3700
Dead time compensation	Channel way 100 µs – 10 sec.
Cam programs	Maximal 32000
SPS - Logic - modul	UND, ODER, NOT, Merker, Timer, Zähler
Analogue outputs	0 / 1 / 2
Analogue inputs	0 / 1
Programming	Keyboard / PC - Software / S5 / S7
Serial interface	RS 232 / RS 485
Supply voltage	24V DC +/- 20%
Power input	300mA (without load)
Output voltage	24V DC pulse-switching
Initial load	500mA for each output
Work temperature	0° - 55° C
Protection category front-laterally	IP 67

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**Order key**

