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Find the *Pilz C-P8-E* at our website: ***Click HERE***

Input module C-P8-E, C-P8-ES and C-P8-EHS

The input circuits process binary signals. They convey incoming information from the controlled systems to the processor. The processor treats signals originating from machine or hand operated signal sources with the same priority.

The input circuits are designed to filter incoming signals, convert them to the internal signal level and to isolate them electrically from the central processor.

Error-free operation is ensured by "energy acknowledgement". A HIGH-signal at an input must have a certain energy level for a defined period of time to be recognized as valid data.

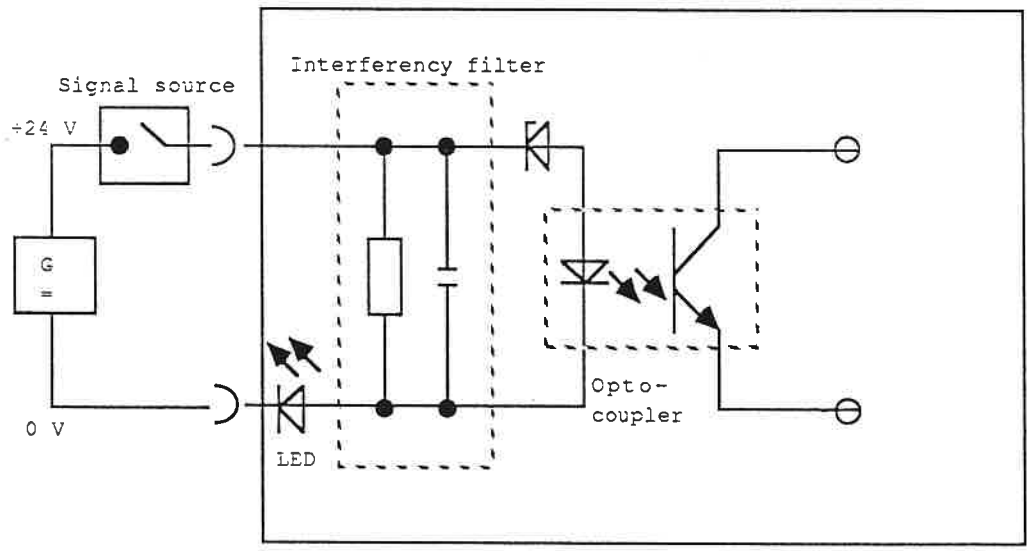
The signal sources are connected to the module by a standard clamp screw connector. The LEDs are marked analog to the inputs and outputs. The input circuit is current drawing.

The module can be mounted in any slot position. The position determines the module's basic address.

Each input is connected to a noise filter. Therefore, the leads don't need to be shielded.

The inputs are electrically isolated by optocoupler.

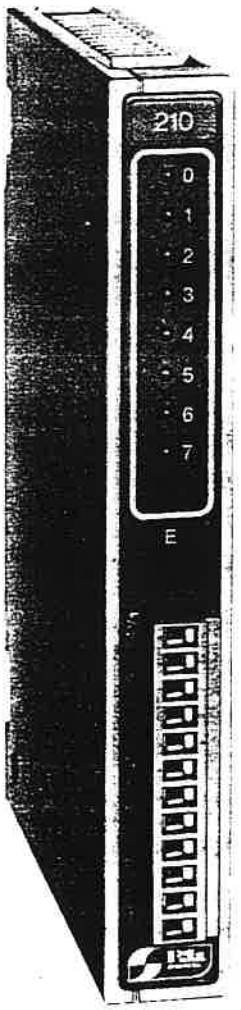
- Clamp screw connectors, fail-plug proof
- 8 inputs with LED status display
- Electrical isolation by optocoupler
- Write-on sticker labels
- "Energy acknowledgement" principle



Block diagram input module

Technical data C-P8-E, C-P8-ES, C-P8-EHS

Inputs	8
Operating voltage	24 VDC
Circuit design	current drawing 14 mA at 24 V
Noise filter settling time	E 10 ms ES 1 ms EHS 0.5 ms
LOW signal	-3 V to +5 VDC
HIGH signal	13 to 30.2 VDC
Status display	8 LEDs
Electrical input isolation	by optocoupler
Isolation voltage	1 500 V
Application only ES	absolute distance measuring systems



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