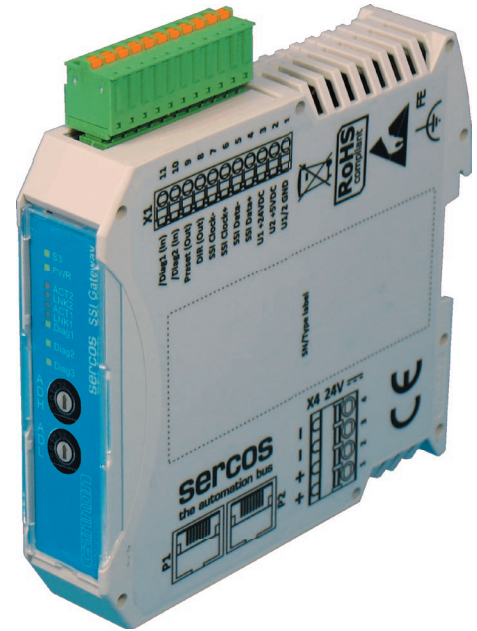


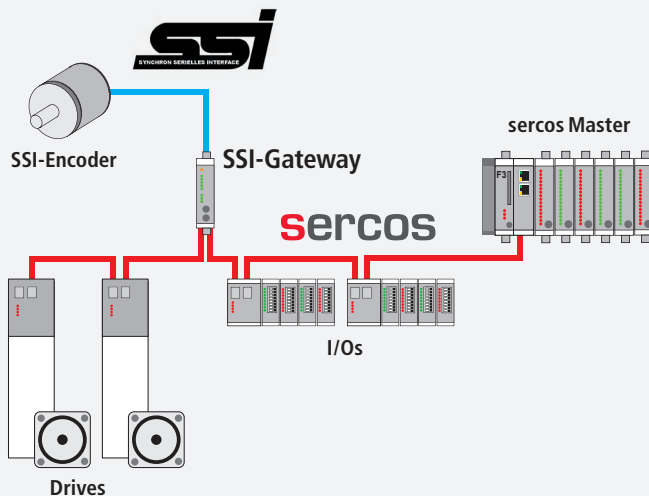
sercos
the automation bus



S3SSI

SSI-Gateway

- sercos Encoder Profile (FSP-Encoder)
- SSI encoder input
- Onboard digital I/Os
- Probe & Compare



- Thanks to the wide range of SSI protocol settings it is possible to connect practically all SSI encoders available on the market. □



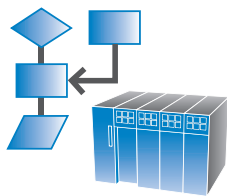
The **SSI-Gateway** supports up to four sercos real-time data connections. This makes it possible to transmit the position values captured by the encoder not only direct to the control but also to other slaves - an important feature for applications with master and slave axes, electronic cam switches or electronic gears. In addition to the position value, the device can also capture and transmit velocity and acceleration values.

The **SSI-Gateway** supports transfer rates of 67.5 kHz to 2 MHz, 8 to 31 bit encoder resolution, binary or Gray code and ODD or EVEN parity. This allows the user to select vendor-independent the most suitable absolute encoder for the particular application. Compatibility problems and resulting adjustments to the application software can be avoided in this way.

In addition to the SSI input the **SSI-Gateway** has digital outputs with configurable voltage level: one output to change over the counting direction and one output to preset the encoder. The two digital inputs can be used to capture encoder-specific diagnostic information and as configurable probe input to latch the current position.

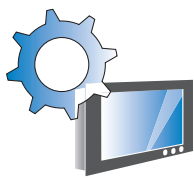
Technical Information		SSI-Gateway
Order Code		70069300
sercos		<ul style="list-style-type: none"> • sercos FSP-Encoder, Probe & Compare • 4 real-time data connections • 2 rotary switches for sercos device address
SSI		<p>Configuration options</p> <ul style="list-style-type: none"> • Transfer rates: 67,5 kHz - 2 MHz • Encoder resolution: 8 - 31 Bits • Binary- or Gray-Code • none/odd/even parity • DataValid-Bit ON/OFF • up to 8 data sets for different encoder <p>Encoder supply</p> <ul style="list-style-type: none"> • 24VDC/120mA or 5VDC/330mA
Onboard I/Os		<ul style="list-style-type: none"> • 2 x DigIN (24VDC) • 2 x DigOUT (24VDC/1,5mA or 5VDC/0,5mA)
Dimension	H x D x W	99 mm x 114,5 mm x 22,5 mm
Power supply		24VDC (19 - 30VDC)
Weight		120 g
Housing		plastic
Mounting		DIN-rail mounting
Operating temperatur		0°C - +55°C
Protection class		IP20
Certifications		CE

Automata Product Overview



Controls

- compact and modular controls for decentral and central system architectures
- IEC 61131-3 programmable
- Motion Control
- CAN, sercos, Profibus, Ethernet



Industrial PCs and Operator Panels

- fanless
- scalable performance
- different shapes
- different operating systems
- SoftPLC & SCADA software



sercos products

Realtime Ethernet

- sercos hardware components and boards
- Master and slave driver software
- Control and IO systems
- Development, consulting, training

Customized solutions

We adapt our standards to your needs. As partner of the medium-sized machine building industry we are working exactly according to your needs. Not more and not less!



cannon
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