SEM201
SERCOS Master Module

The SERCOS (Serial Real-time Communication System) master module SEM201 is capable of controlling up to 32 drives. The bus has a ring structure and offers a high level of interference immunity thanks to the fibre optic technology.

- SERCOS 2 Standard IEC 61491
- Fiber optic technology
- Bus with ring structure
- 2 Kb x 32 DPRAM
- Transfer rates: 2/4/8/16 Mbaud
- Cycle times: 62.5 µs to 65 ms
- Multiple masters can be synchronized

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<th>Description</th>
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<tr>
<td>SEM201</td>
<td>00011756-00</td>
<td>Sercos master module; 2/4/8/16Mbaud; SERCOS II; FO interface 2x FSMA (In/Out)</td>
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SEM201
Description

- Channels/drives: Fiber optic ring with max. 32 drives, 2 kB x 32 DPRAM
- Modules per controller: Max. 12
- Transfer rate: 2/4/8/16 Mbaud
- Cycle times: 62.5 µs to 65 ms
- Synchronization: Multiple masters can be synchronized
- Certified by: SI – Sercos International (formerly IGS)
- Galvanic isolation from system: Yes, via fiber optic cable
- Approvals / Certificates: CE, UL/cUL, CCC
- Operating temperature: 0 to +60°C
- Rel. humidity operation: 5 to 95% without condensation
- Storage temperature: -40 to +85°C
- Rel. humidity storage: 5 to 95% without condensation
- Pollution degree: 2 (without condensation; according to IEC 60664-1)

Order Codes SEM201

System Overview • Bachmann electronic GmbH • 11/2019 • Specification subject to change – the product’s characteristics are exclusively governed by the data of the respective user manual.