

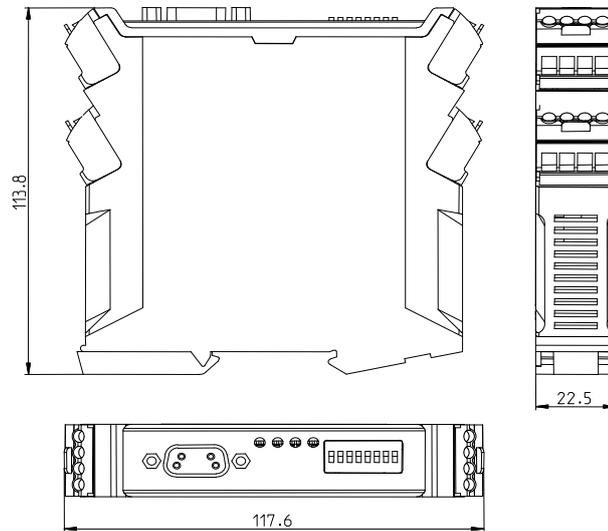
Technical Data

Safety switch

Series CSMS

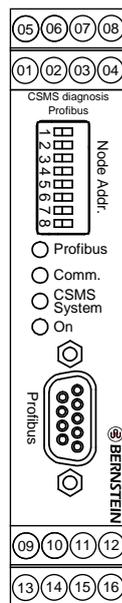
Type designation **CSMS DIAGNOSE PROFIBUS**

Article number **6075989033**



Connector pin assignment

- clamp 1 – CSMS-System
- clamp 2 – manipulation
- clamp 3 – Profibus
- clamp 4 – not used
- clamp 5 – not used
- clamp 6 – not used
- clamp 7 – not used
- clamp 8 – not used
- clamp 9 – +
- clamp 10 – +
- clamp 11 – GND
- clamp 12 – GND
- clamp 13 – diagnostic input
- clamp 14 – diagnostic input
- clamp 17 – GND
- clamp 16 – GND



Profibus-Gateway (CSMS status bytes → Profibus)

Electrical Data

Rated operating voltage	U_e	24 V DC \pm 15 %, Reverse polarity protection
No-load current	I_e	< 100 mA
Output switching voltage	U_a	0 V / U_e - ca. 1 V
Output current	$I_{a(max)}$	50 mA
Total current	I_{ges}	< 250 mA
Rated insulation voltage	U_i	75 V

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Technical Data

Safety switch

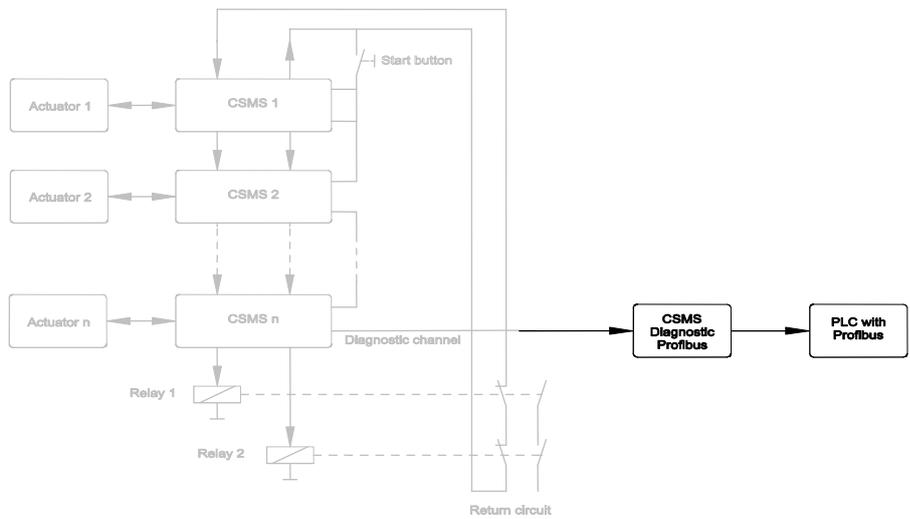
Mechanical Data	
Enclosure	PA 66 GF 30
Mounting	TS 35
Connection	wire with ferrules max. 3 mm ² 1 x DSUB-9-bush for profibus
Weight	167 g
Type of protection	IP20 acc. to EN 60529

Operating Data	
Indication	LED "on" lights up green when operating voltage is applied. During operation, the LED "Comm." indicates the status of the communication with the CSMS chain ([GN] ok, [RD] error, timeout, no connection). The LED "CSMS system" indicates the logical chain of the switching states of all connected CSMS ([GN] all switches are closed, [RD] at least one switch is open/no CSMS is connected/no or faulty communication). The LED "Profibus" indicates the status of the Profibus component ([RD] not ready for operation, [YE] configuration [GN] ready for operation). With the switches 1 to 7, the node address of the Profibus component is determined. The node address is binary coded. If all switches are open, the Profibus addresses are set to the value 1 as an address value of 0 is not allowed. The switch 8 has no function.
DIP-switch (Node Addr.)	
Switch output	3 x PNP (open collector)
Profibus-Standard	DP-V1

Operating environment	
Ambient temperature	0 °C ... +60 °C (no freezing / no condensation)

Standards	
	EN 61131-2

EU-Conformity	
	acc. to directive 2004/108/EC



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