

Technical Data Extension Module VSM100

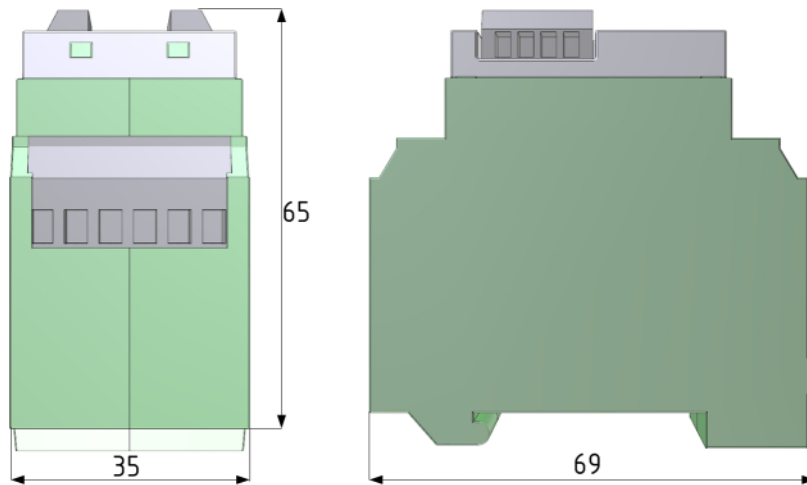


Fig. 1-1 Dimensions VSM100

General data	
Power supply	24 VDC +10/-15 % SELV
Current consumption	60 mA
Housing	Polyamide 6.6 (panel: polycarbonate)
Dimensions (HxWxD)	65x70x35 mm (2.56"x2.76"x1.38" in)
Weight	ca. 80 g (0.18 lb)
Flammability	UL-94 V0 (panel: UL-94 V2)
Mounting position	as desired
Installation	TS35 mounting rail as per EN 50022
Connection cross section	2.5 mm ² (13 AWG) (plugged LSB terminals: 0.5 mm ² /20 AWG)
Speed setpoint output 0/4 ... 20 mA	
Max. load	800 Ω
Resolution	1000 digit
Short-circuit resistant	yes, unlimited
Speed setpoint output 0 ... 10 V	
Max. output current	10 mA
Resolution	1000 digit
Short-circuit resistant	yes, unlimited
Speed feedback input 0/4 ... 20 mA	
Load	150 Ω
Resolution	1000 digit
Overload protection	protection against accidental application of voltages up to 28 V

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Digital speed feedback input	
Suitable sensors	optionally 2-wire sensors as per DIN EN 60947-5-6 (Namur) or 3-wire sensors with PNP output (switching against +24 V)
Frequency range	300 ... 7200 pulses/minute (recording range configurable)
Input pulse width	min. 200 µs

Environmental Conditions

Operation	Climatic conditions	Class 3K5 according to DIN EN 60721-3
	Mechanic conditions	Class 3M5 according to DIN EN 60721-3
	Temperature range	-20 ... +60 °C (-4 ... +140 °F) (condensation is prohibited)
Transport	Climatic conditions	Class 2K3 according to DIN EN 60721-3
	Mechanic conditions	Class 2M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C (-4 ... +158 °F) (condensation is prohibited)
Storage	Climatic conditions	Class 1K3 according to DIN EN 60721-3
	Mechanic conditions	Class 1M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C (-4 ... +158 °F) (condensation is prohibited)
Electronic safety	Degree of protection (DIN EN60529)	IP40 housing IP20 terminals

NOTICE

The limits of the technical data must be strictly adhered to.

Order Information

Description / Type	Order no.
VSM100 - Variable speed drive control module "Standard version" (LCM100 needed)	667R0200-1



The information in this publication is subject to technical changes.



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