



technical data

setting

configurations switch SMC-9

Configuration				
Switch				
6	5	4	IN	OUT
0	0	0	Programmable via Software(Default2KOhm)	
0	0	1	3KOhm	2.5KOhm
0	1	0	5KOhm	4.5KOhm
0	1	1	6KOhm	5.5KOhm
1	0	0	8KOhm	7.5KOhm
1	0	1	100KOhm	70KOhm
1	1	0	250KOhm	220KOhm
1	1	1	500KOhm	470KOhm

Delay		
Switch		
3	2	Delay in sec
0	0	(0 sec) programmable via software
0	1	2 sec
1	0	4 sec
1	1	8 sec

output signal	1x electronic output, 30mA PNP invertible short-circuit protected,
response time	<0,07s (10KΩ), <0,15s(1MΩ)
precision	0,2KΩ, 10kΩ, 9,9kΩ, ...999kΩ, free adjustable
operating voltage	24V(DC)±20% (30V...30V)
power consumption	<30mA
switching-delay	<0,3 sec
protection category	IP00 according to DIN EN 60529
inputs	1 electrode
design	Ø44,5mm

ambient conditions

operating temperature	-10°C...+70°C
storage temperature	-20°C...+85°C
air humidity	0 to 90% *1

Miscellaneous

certificates	CE-conformity *2
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Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
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Existing configurations

Type	Order number	Item number	Old order number
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Remarks

!CAUTION! Protect the unit during the installation and operation of electrostatic discharge. A faulty installation, as well as incorrect settings of the unit may have effect on the proper function or cause damages. For this case independent safety devices should be present. Settings must only be done by qualified personnel. All necessary settings have to be done by configurations-switches or by SMC-software. However, should any problems occur during the startup you may not make any unauthorized manipulations on the device. In this case you will endanger your warranty! Condensation may occur if the dewpoint is undercut. This may destroy the unit. This device must be installed directly into a one-rod-probe series CS1-8. No leads about 5cm between the module and the probe. The CE-Conformity is valid only when installation in a probe of series CS1-8.

*1 without condensing

*2 see additional documents

Revision

Version	Effective from	Comment
<u>1.1</u>	14.10.2013 10:11:02	Freigabe PSO 14102013
<u>1.0</u>	23.08.2013 09:49:58	