

SE 20.00

SE 20.00 Setpoint Adjuster

Features:

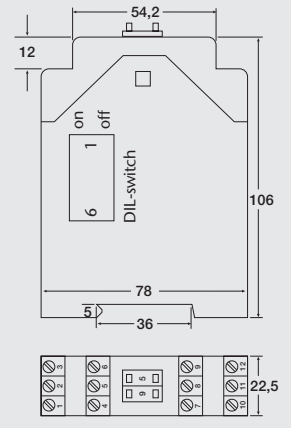
- Top hat rail housing*
- front side operation*
- digitally adjustable*
- galvanically isolated setpoint adjuster*
- switch on Live-Zero signal*
- switchable voltage or current output*
- auxiliary power 230 V AC or 24 V DC possible*



Application:

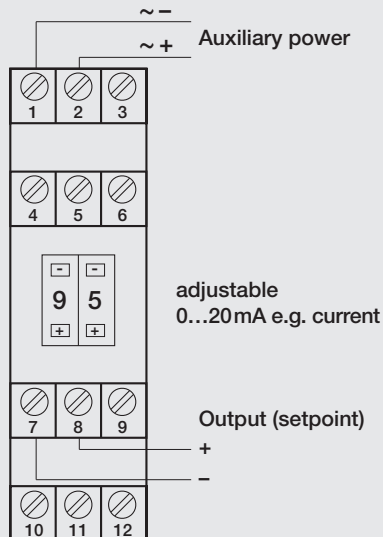
The SE 20.00 is a galvanically isolated setpoint adjuster. Due to the digital adjustment the control of actuators to the desired output values is easily possible. The requested output signal is adjustable via front side momentary contact-switch in steps of 1 % each. The SE 20.00 is also available with voltage output.

The output signal of the SE 20.00 G is switchable via DIP-switch. The device is applicable as current transmitter within the range of 0(4)...20 mA and voltage transmitter within the range of 0...10 V. In order to adjust the output value to the respective requirements, Live-Zero rise and final range are selectable.





SE 20.00



Output:

Impressed direct current adjustable:

Setpoint: 0...20 mA
4...20 mA
0...10 V

Permissible voltage load $\geq 1 \text{ k}\Omega$

Permissible current load $\leq 700 \Omega$

Digital adjustment in 1,01 % steps
00 $\hat{=}$ 0 mA
99 $\hat{=}$ 20,00 mA
or in 1 % steps
(switch 6 ON)

Adjustment output signal:

Signal	switch internal	
	ON	OFF
Voltage output	1, 3	2
Current output	2	1, 3
Live-Zero (e.g. 4...20 mA)	4, 5	
Dead-Zero (e.g. 0...20 mA)		4, 5
20 mA / 10 V at "99"		6
19,8 mA / 9,9 V at "99"	6	

Mounting details:

Housing for top hat rail

Type of protection: IP 40 housing/IP 10 clamps

Width: 22,5 mm

Rail-mounting fixed according to
EN 50022-35 x 7,5mm

Weight : 190 g

For safety reasons we recommend to mount the top hat rail housing with a distance of approx. 5 mm to each other.

* minimum deviations possible during HF-radiation influence

Auxiliary power:

AC voltage: 230V (200...250V) AC
(50...60Hz)
power consumption
approx. 10mA

DC voltage: 24V DC (20...30V)
power consumption
approx. 50mA

Influence of auxiliary power: < 0,1%

Other voltages on request.

Environmental conditions:

Storage temperature: -40...+70°C

Operating temperature: 0...50°C

Isolation voltage:

> 4 kV auxiliary voltage
AC-output
> 500V auxiliary voltage
DC-output

Electromagnetic compatibility law

Germany in accordance with
EMC Directive: 2004/18/EG*

Low-Voltage Directive: 2006/95/EG

Ordering information:

Type: SE 20.00 G Housing for top hat rail

Auxiliary power: in clear text (e.g. 230V AC)