

Setpoint Transmitters

Overview

- Accuracy class 0,5
- standard signals input / output selectable
- plug-in terminals
- DIN-standard case for rail mounting acc. to EN50022



Type	hsg-3	hsm-p...	vsg	vsg-p	vsg-pe	vsg-3	vsg-3p	vsg-3e	vsg-6	vsg-6p	vsg-6e	vsg-pu
Setpoint setting	4 keys + indicator	23 fixed values + trimmer	1pot. front panel	1 pot. ext.	1 pot. ext.	3 trimmers front panel	3 trimmers + 1 pot. ext.	3 trimmers + signal input	6 trimmers front panel	6 trimmers + 1 pot. ext.	6 trimmers + signal input	1 pot. ext. + signal input
Features	measur. inp.	Pt100 simulator			range adjustable							sensor supply
Housing	ABS WxHxD [mm] connector terminals	84x200x53 3x 4mm-pillar	65x108x38 4x 4mm-pillar	45x75x105 1x8pin	45x75x105 1x8pin	45x75x105 1x8pin	45x75x105 2x8pin	45x75x105 2x8pin	45x75x105 2x8pin	45x75x105 2x8pin	45x75x105 2x8pin	45x75x105 2x8pin
Supply voltage	24V DC		not	o	o	o	o	o	o	o	o	•
	24V AC		necessary	o	o	o	o	o	o	o	o	
	42/48V AC			o	o	o	o	o	o	o	o	
	110V AC			o	o	o	o	o	o	o	o	
	230V AC	battery+power supply unit		•	•	•	•	•	•	•	•	
Input	external current input	50mA/50V						0/4-20mA, 0-10V			0/4-20mA, 0-10V	0/4-20mA
	external pot. (3-wire)			0,2...100kΩ	0,2...100kΩ		0,2...100kΩ			0,2...100kΩ		0,2...100kΩ
	control input (setpoint 1...6)					3x 24V DC	3x 24V DC	3x 24V DC	6x 24V DC	6x 24V DC	6x 24V DC	1x 24V DC
Output	0-10V	0-15V	-100...+600°C	•	•	•	•	•	•	•	•	
	0/4-20mA (selectable)	0-25mA	or -20...+200°C	•	•	•	•	•	•	•	•	•
	optional range	0-1000mV	o	o	o	o	o	o	o	o	o	o
Accuracy	output	±0,1%	±0,05%	±0,2%	±0,2%	±0,2%	±0,2%	±0,2%	±0,2%	±0,2%	±0,2%	±0,2%
Range adjustment	zero N			•	•	front panel	•	•	•	•	•	front panel
	gain V			•	•	front panel	•	•	•	•	•	front panel
DC decoupling	input / output				no	no	yes	signal input only	signal input only	yes	signal input only	signal input only
Sensor supply	input about +18V/22mA	24V										•

o optional at extra charge • standard