

# OP-SC 1A / 1V - OP-SC 2A / 2V

## Linear Potentiometer Signal Converter



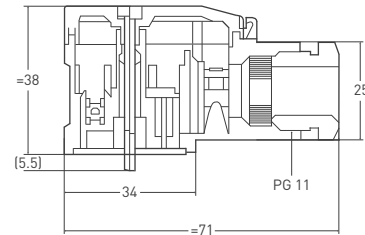
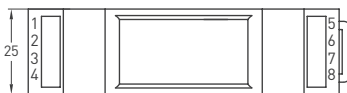
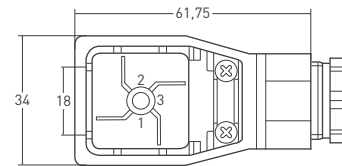
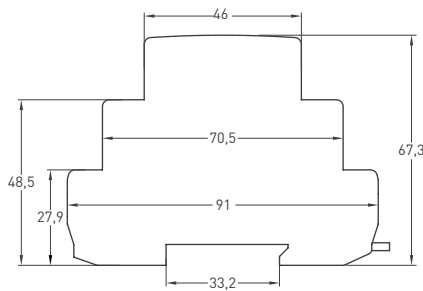
- Standard output signal
  - 0 - 10V
  - 4 - 20 mA



### Technical Specifications

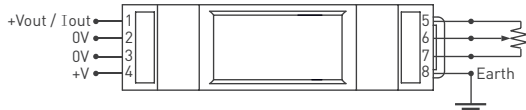
Power supply	15 - 30 VDC
Output	0-10V, 4-20mA
Recommended input resistance	>2 kOhm, <20 kOhm
Reverse voltage protection	Yes
Current consumption (without load)	max. 5 mA
Power supply for potentiometer	10 VDC
Cable	Convenient protection with 3 core cable
Linearity	%0,05 FSO
Mounting	DIN 50022 (for OP-SC 1)
Protection level	IP 30 (OP-SC 1) IP 65 (OP-SC 2)
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

### Mechanical Specifications



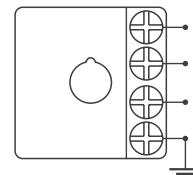
#### Pin Configuration

- |                |                   |                 |
|----------------|-------------------|-----------------|
| 1: Vout / Iout | 5: +Vref (10 VCD) | ] Potentiometer |
| 2: 0V          | 6: Signal input   |                 |
| 3: 0V          | 7: 0              |                 |
| 4: +V          | 8: Earth (Shield) |                 |



#### Pin Configuration

- |                   |                |
|-------------------|----------------|
| 1: Earth (Shield) | 4: +V          |
| 2: Vout / Iout    | 3: 0V          |
| 3: 0V             | 2: Vout / Iout |
| 4: +V             | 1: Earth       |



### Ordering Procedure

Model	Output	Power supply
OP-SC 1A / 1V - OP-SC 2A / 2V	V10	V4
OP-SC 1 (rail type) OP-SC 2 (connector type)	V : 0 - 10 V A : 4 - 20 mA	V4 : 15 - 30 VDC