

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

Linear Potentiometer Signal Converter



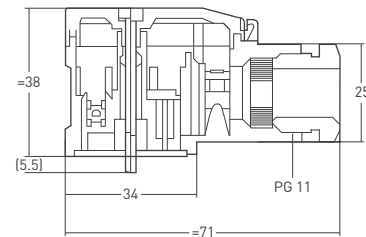
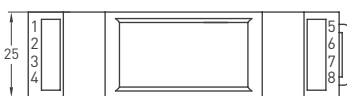
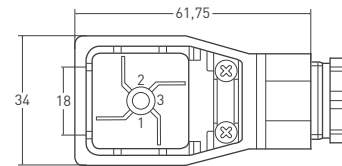
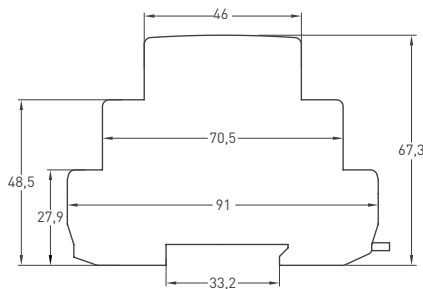
- Standard output signal
 - 0 - 10V
 - 4 - 20 mA



Technical Specifications

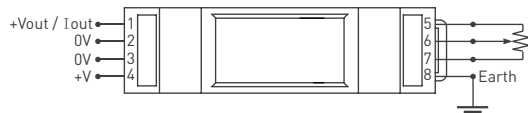
Power supply	15 - 30 VDC
Output	0-10V, 4-20mA
Recommended input resistance	>2 kOhm, <20 kOhm
Reverse voltage protection	Yes
Current consumption (without load)	max. 5 mA
Power supply for potentiometer	10 VDC
Cable	Convenient protection with 3 core cable
Linearity	%0,05 FSO
Mounting	DIN 50022 (for OP-SC 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



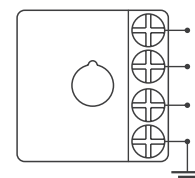
Pin Configuration

- | | | |
|----------------|-------------------|-----------------|
| 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

Above given technical data are only for information purpose. OPKON has right to change product specifications without notice.