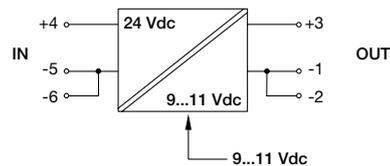


# AUXILIARY SUPPLY FOR SENSORS AND POTENTIOMETERS



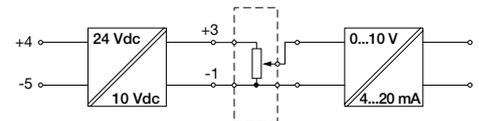
- Regulated switching converter
- Suitable for feeding potentiometers and sensors



## APPLICATIONS

A constant voltage is often required in process control in order to supply power or reference values. A constant voltage source is very often used in digital technology, especially with analogue position sensors (linear potentiometers). This is due to their extremely economical and effective measurements of absolute position, routes, angles and thicknesses. Moreover, the linear potentiometer requires only one continuous voltage and one analogue control or position indicator input.

## APPLICATIONS EXAMPLES



CODE	X766184
TYPE	CWCV 7-6184
<b>INPUT TECHNICAL DATA</b>	
Input rated voltage	24 Vdc (16.8...30 Vdc)
Current consumption	30 mA at 10 Vdc
Internal protection fuse	T 1 A (external)
<b>OUTPUT TECHNICAL DATA</b>	
Output rated voltage	10 Vdc (9...11 Vdc adjustable)
Continuous current	60 mA
Overload limiting	yes
Ripple	≤ 50 mVpp
Status indication	LED "DC OK"
<b>GENERAL TECHNICAL DATA</b>	
Operating temperature range	-25...+60°C
Insulation	50 Vac / 60 s
Insulation type	2-way
Standard approvals	EN 50081-1, EN 50082-2, EN 61000-3-2
EMC Standards	EN61000-4-2, EN61000-4-4
Overvoltage category / Pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN / OUT	1.5 mm <sup>2</sup> / 1.5 mm <sup>2</sup> (screw)
Housing material	UL94V-0 plastic material
Dimensions	6.2x92.5x90 mm
Approximate weight	35 g
Mounting informations	on a rail, side by side
APPROVALS	<b>CE</b>
<b>ACCESSORIES</b>	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—
Marking tag	—
Plugin jumper red	CWBK 7-0802 (code X766802)
Plugin jumper white	CWBK 7-0803 (code X766803)
Plugin jumper blue	CWBK 7-0804 (code X766804)

CONVERTERS