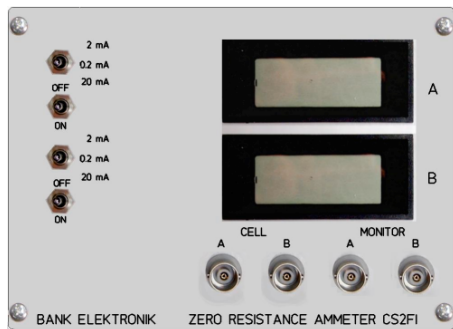


# Wenking CS2FI Current Sink

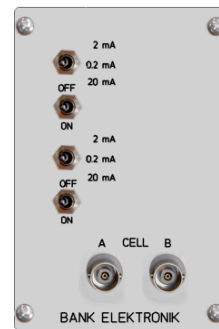
CS 2 is a current sink system for small currents up to max. 5 mA per channel. It contains 2 sink channels.

The current passing the sinks is converted to a current - proportional signal which is fed out to the monitor terminal. Optionally, the sinks can be polarised independently up to +/- 5 V by an external control voltage, which is fed into the control input terminal.

Order info: CS2FI-x, where x specifies the maximum current in microamperes.



CS2FI-D with 2 displays



CS2FI without displays

## Specifications

Polarisation range (optional)	+/- 5 V
Input Resistance (d.c.)	Range.2 $\mu$ A: 2 Ohms 20 $\mu$ A: 0,2 Ohms, 200 $\mu$ A < 30 mOhms
Noise ref. to input	20 $\mu$ V rms (typ.)
Current - to - Voltage conversion	2 V per full range current
Tolerance	0,1% for ranges above 2 $\mu$ A, 0.25% for ranges 20 nA and 200 nA
Bandwidth (unity gain)	300 kHz
Phase shift	90° (internal)
Bandwidth Recorder Output	30 kHz (Range 5 mA)

## Current Ranges

CS2-2000	Current ranges	2 mA / 200 $\mu$ A / 20 $\mu$ A
CS 2 - 200	Current ranges	20 $\mu$ A / 2 $\mu$ A / 200 nA
CS 2 - 20	Current Ranges	20 $\mu$ A / 2 $\mu$ A / 200 nA
CS2 - 2	Current Ranges	2 $\mu$ A / 200 nA / 20 nA

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