

DiLiCo CELL VOLTAGE 48/96

Cell voltage measurement for galvanic cells up to 4.5 V

- ✓ very high measurement accuracy up to ± 0.1 mV
- ✓ fast scanning with a large number of cells
- ✓ monitoring of overvoltage and undervoltage per cell
- ✓ relay for switching off in the event of a fault
- ✓ cable-free contacting solutions
- ✓ ideal for research activities



	DILICO CELL VOLTAGE 48		DILICO CELL VOLTAGE 96	
channels	up to 48 cells		up to 96 cells	
measuring range	0 – 4.5 V			
resolution	16 bit			
communication	RS232, CAN or USB (via adapter)			
total measuring error (for T = 25 °C)	TYP ± 0.1 mV ± 0.2 mV ± 0.3 mV	MAX ± 1.0 mV ± 1.4 mV ± 1.8 mV	U(cell) < 2.0 V < 3.3 V < 4.5 V	
measuring interval	24 ms@48 cells		37 ms@96 cells	
measurement interval with five devices	48 ms@240 cells		85 ms@480 cells	
leakage current on input	± 250 nA Idle mode ± 2 μ A measuring mode			
isolation voltage per measuring channel	1.5 kV			

DESCRIPTION

DiLiCo cell voltage 48/96 is the ideal component for monitoring and error analysis of galvanic cells through the fast and reliable measurement of any cell voltage of up to 4.5 V. The overvoltage and undervoltage is monitored on each cell. The potential-free contact can be used for the customer's control in order to protect the cell(s) from damage and the system from failure when the voltage limit values are reached.

CONTACTING SOLUTIONS

How do I connect **DiLiCo cell voltage 48/96** with galvanic cells? We offer both classic cable solutions and measurement technology with integrated contacting solutions without cable for your galvanic cells. Cost efficiency and functionality are our goals. Contact us.

DELIVERY

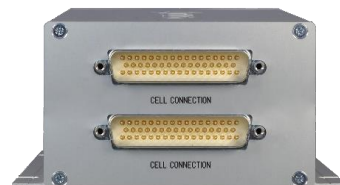
- ✓ DiLiCo cell voltage 48/96 in metal housing
- ✓ 24 VDC power adapter
- ✓ instructions
- ✓ (opt.) cable solution to contact the cells
- ✓ (opt.) software for visualization and data storage



communication



DiLiCo cell voltage 48



DiLiCo cell voltage 96