

## DiLiCo CELL VOLTAGE 36/72

### Inexpensive cell voltage measurement for your stack

- ✓ price per measured cell up to 4.20€
- ✓ wide measuring range from -4.5 to +4.5 V per cell
- ✓ cell protection by monitoring overvoltage and undervoltage
- ✓ more safety due to integrated relay for fault switch-off
- ✓ cable-free contacting solutions



		DILICO CELL VOLTAGE 36	DILICO CELL VOLTAGE 72
channels		up to 36 cells	up to 72 Zellen
measuring range per channel	low range mode	-2.5...+2.5 V	
	high range mode	-4.5...+4.5 V	
maximum voltage range		- 80 V ≤ U ≤ +150 V (between cell 0 and cell 36 resp. 37 and 72)	
resolution		1.5 mV (low range mode) 3.0 mV (high range mode)	
communication		CAN, RS232 or USB (via adapter)	
measurement deviation		± 15 mV (low range mode) ± 20 mV (high range mode)	
measuring interval		up to 25ms	up to 50 ms
measuring interval with 5 units		42 ms@180 cells	84 ms@360 cells
leakage current at the measuring input		± 35 µA measuring mode U <sub>cell</sub> > 0V ± 550 µA measuring mode U <sub>cell</sub> < 0V ± 1.6 µA idle mode	
insolation voltage per measuring channel		1.5 kV	

## PRODUKTBESCHREIBUNG

DiLiCo cell voltage 36/72 is aimed at companies that produce galvanic cells in high volumes and need to ensure that each cell remains efficient until end-of-life. DiLiCo cell voltage 36/72 is ideal for **series production under cost pressure**. The potential-free contact can be used for customer control to **protect the cell(s) from damage** and the **system from failure** when voltage limits are reached. Use **the most inexpensive cell voltage meter on the market**. Benefit from extremely attractive prices of up to €4.20 per measured cell.

## KONTAKTIERUNGSLÖSUNGEN

How do I connect DiLiCo cell voltage 36/72 to galvanic cells? We offer both **classic cable solutions** and measurement technology with **integrated contacting solution without cables** for your galvanic cells. Cost efficiency and functionality are our goals. Feel free to contact us.

## LIEFERUMFANG

- ✓ DiLiCo cell voltage 36/72 in metal housing
- ✓ 24 VDC power adapter
- ✓ Instructions
- ✓ (opt.) cable solutions
- ✓ (opt.) Software

