

**New**  
up to 4.20€  
per cell

## 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 25 ms	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	

## PRODUCT DESCRIPTION

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.

## CONTACTING SOLUTIONS

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.

## DELIVERY

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

