

DiLiCo cell voltage 36/72

Inexpensive cell voltage measurement for your stack

- ✓ wide measuring range from -4.5 to +4.5 V per cell
- ✓ cell protection by monitoring over- and undervoltage
- ✓ more safety due to integrated relay output for fault switch-off
- ✓ cable-free contacting solutions on request
- ✓ ideal for series production



		DiLiCo cell voltage 36	DiLiCo cell voltage 72
channels		up to 36 cells in series	up to 72 cells in series
measuring range per channel	low range mode	-2.5 to +2.5 V	
	high range mode	-4.5 to +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	
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 _{cell} > 0V ± 550 µA measuring mode U _{cell} < 0V ± 1.6 µA idle mode	
insulation voltage between measurement and communication		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 dry 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 monitoring devices on the market.

CONTACTING SOLUTIONS

How is DiLiCo cell voltage 36/72 connected to galvanic cells? DiLiCo offers both classical cable solutions and measurement technology with integrated contacting solution without cable for galvanic cells. Cost efficiency and functionality are our goals. Contact us!

DELIVERY

- ✓ DiLiCo cell voltage 36/72 in metal housing
- ✓ instructions
- ✓ (opt.) cable solutions
- ✓ (opt.) software

