

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **15 694 - 00 HH**

Company **JUMO GmbH & Co.KG
Moritz-Juchheim-Straße 1
36039 Fulda, GERMANY**

Product Description **Universal process controller
Universal profile controller and generator**

Type **DICON 500, 703570/0...
DICON 501, 703580/0...**

Environmental Category **C, EMC 1**

Technical Data /
Range of Application **Freely configurable process controllers:
Power supply voltage: AC 110-240V -15/+10%, AC/DC 20-30V
Controller type: Single-setpoint controller; Double-setpoint controller; Proportional controller; Modulating controller; Proportional controller with integral actuator drive. Controller structures: P/PD/PI/PID/I
Inputs: Thermocouples; Resistance thermometers; Standard voltage and standard current; Potentiometer; Heater current.
Outputs: Relay changeover contacts; Logic current; Solid-state relays; Voltage and Current out; Voltage for 2-wire transmitter.
Measurement circuit monitoring: Thermocouples, Resistance thermometer, Standard voltage / current.
Additional functions: Profile program function; Self-optimisation; Parameter set switching; Limit comparators; Linearization features; Alarmout for internal and external failures; Maths and logic module, set up program.
Interface: RS422/RS485.
Degree of protection: IP 65 (front), IP20 (rear)**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Ed. 2003,
Regulations for the Use of Computers and Computer System, Requirement class 3**

Documents **Test Report CE 330 of 28.03.00, 22.10.03, 30.01.07, 08.02.07 and 24.01.2008;
Test Report 288.3 of 28.03.00 and 12.03.2008;
Test Reports according to the 'Auftragsnr. K/E 70.1443, issue 23.07.2012';
Drawings according to the 'Drawing Number List, issue 18.07.2012'.**

Remarks **None**

Valid until **2015-04-14**

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Type Approval Symbol



File No. I.B.03

Hamburg, 2012-09-18

Germanischer Lloyd


Dr. Joannis Papanuskas


Dariusz Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".