DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

DGTPKF

"DGTPKF": MICROCONTROLLER FOR INDUSTRIAL DOSAGE SYSTEMS WITH EXTENDED KEYBOARD

High performing microcontroller, for table or panel mounting; through simple programming of the parameters, it offers the possibility to manage single product dosage systems in loading or in unloading, or multiproduct dosages and mixtures.

Approvals:
CE-M EN 45501, OIML R-76, OIML R-61 (MID), OIML R-51 (MID)

Working in cooperation with:

TEMLOGICA LDA AUTOMAÇÃO E SISTEMAS DE MEDIDA IND. UNIP
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The best solution for advanced industrial applications

MAIN FEATURES

- 20-key numeric/fundtional waterproof keyboard: quick entry of the setpoints and the tare value.
- Highly efficient red LED display with 6 20-mm digits and 12 LEDs for showing active functions.
- Stainless steel case for panel mounting.
- Frontal panel in alluminium, with protection gasket.
- Fitted with stainless steel bracket, for bench use or fixing to wall.
- A/D 24-bit sigma-delta conversion, up to 400 conv./sec. autoselect.
- Connectable with up to 16 analogue load cells with 350 Ohm input resistance.
- Up to 800.000 displayable divisions with internal resolution up to 3.000.000 points.
- Calibration, Set-Up parameters, configurable from keyboard or from PC with DINI TOOLS.
- Up to 8 signal linearization points with DINITOOLS (3 from keypad).
- Time/Date
- Memory back-up for recording dosage data in case it's accidentally turned off.
- Printing the dosage and consumption data.
- From 12 Vdc to 24 Vdc power supply. EU, UK, US, AU plugs included as standard.
- Fitted with 12 V switching power adapter.

MAIN CERTIFICATIONS

- CE-M EN 45501
- OIML R76
- OIML R61 - MID
- OIML R51

I/O SECTION

- 1 RS232/C or RS485 bidirectional port configurable for connection to PC or external units.
- 1 RS232/C bidirectional port configurable for connection to printer.
- Six 150 mA 48 Vac / 150 mA 60 Vdc (NO) photomosfet outputs configurable according to the selected dosage function.
- 6 photomosfet outputs: 150 mA 48 Vac / 150 mA 60 Vdc (NO), with configurable functions.
- 4 inputs (optoisolator photocouplers) configurable as: 12÷24 Vdc, 5 mA min - 20 mA max with functions dependent on the selected dosage function.
- Analogue 16 bit output (only for DGTPKFANV2 model), configurable as 4-20mA, 0-5Vdc or 0-10Vdc. Maximum load applicable on the output current: 300Ohm. Minimum load applicable on the output voltage: 1kOhm.

DOSAGE CONFIGURATION

- Available dosage functions:

	Single product dosage in loading functioning
	Single product dosage in unloading functioning
	Multi-product dosage functioning

DETAIL 1

www.diniargeo.com

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France	Germany	United Kingdom	China	Australia

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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.