DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

DGTPKF_OLD20200810

"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.

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.
- Management of a weighing system from 1 to 4 channels (cells) with digital equalization.
- Connectable with up to 16 analogue load cells with 350 Ohm input resistance.
- Up to 1.000.000 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.
- Fitted with 12 V switching power adapter.

MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- 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



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SALES AND TECHNICAL ASSISTANCE SERVICE

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