

## 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.

The best solution  
for advanced industrial  
applications

## MAIN FEATURES

- 20-key numeric/functional 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 aluminium, with protection gasket.
- Fitted with stainless steel bracket, for bench use or fixing to wall.
- A/D 24-bit sigma-delta conversion, up to 200 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




- EC Type Approval (EN45501)
- OIML R76
- OIML R61 - MID

## 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) photomofet outputs configurable according to the selected dosage function.
- 6 photomofet 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: 350Ohm. Minimum load applicable on the output voltage: 10kOhm.

## DOSAGE CONFIGURATION

- Available dosage functions:

|  |  |
|--|--|
|   | <p><u>Single product dosage in loading functioning</u></p>   |
|   | <p><u>Single product dosage in unloading functioning</u></p> |
|  | <p><u>Multi-product dosage functioning</u></p>               |



www.diniargeo.com



“YOUR WORLDWIDE PARTNER FOR WEIGHING,”

DINI ARGEO  
FRANCE sarl  
Nogent-sur-Marne  
info.fr@diniargeo.com

DINI ARGEO  
GMBH  
Sinsheim - Germany  
info.de@diniargeo.com

DINI ARGEO  
UK Ltd  
Taunton - United Kingdom  
info.uk@diniargeo.com

DINI ARGEO WEIGHING  
INSTRUMENTS Ltd  
Shanghai - China  
info.cn@diniargeo.com

DINI ARGEO  
WEIGHBRIDGES  
Calto (RO) – Italy  
info@diniargeo.com

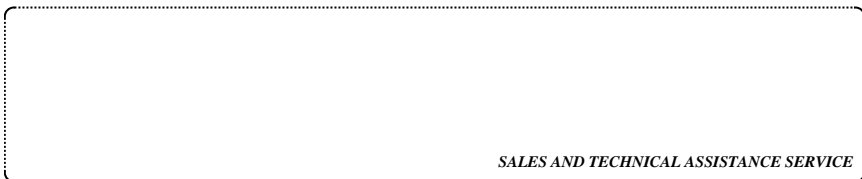


**HEAD OFFICE**

Via Della Fisica, 20  
41042 Spezzano di Fiorano Modena - Italy  
Tel. +39.0536 843418 Fax. +39.0536 843521  
info@diniargeo.com

**SERVICE ASSISTANCE**

Via Dell'Elettronica, 15  
41042 Spezzano di Fiorano Modena - Italy  
Tel. +39.0536 921784 Fax. +39.0536 926654  
service@diniargeo.com



SALES AND TECHNICAL ASSISTANCE SERVICE

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