DINI ARGEO
Scales - Weighing systems

DGTPF

DGTPF: MICROCONTROLLER FOR INDUSTRIAL DOSAGE SYSTEMS



OIML R76 Approved

High performing microcontroller for 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.

Working in cooperation with:

SC DATA SPEED SRL

STR DONATH N. 115/33 - 400331 - JUD. CLUJ
Tel. 0040-264566473 Fax. 0040-364-815440
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The best solution
for advanced industrial
applications

MAIN FEATURES

- Easy to use 5-key waterproof keyboard.
- Highly efficient red LED display with 6 20-mm digits and 6 LEDs for showing active functions.
- Case for panel mounting. Dimensions: 143,5 x 72 x 129mm(lxhxw). Drill template: 135,6 x 66,5 x 120mm(lxhxw).
- A/D 24-bit sigma-delta conversion with 4 channels, 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 displayable 1.000.000d with internal resolution up to 3.000.000 points.
- Calibration, Set-Up parameters, configurable from keyboard or PC with Dinitools.
- 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.

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) photomosfet outputs configurable according to the selected dosage function.
- Four 12÷24 Vdc, 5 mA min - 20 mA max inputs (optoisolator photocouplers) with functions dependent on the selected dosage function.
- Analogue 16 bit output (only for DGTPFAN 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.

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Thermal printer for panel mounting
- Ethernet interface available using SETHIN unit
- 100-240 VAC 2,1 A 12 Vdc output, switching power adapter

DOSAGE CONFIGURATION

- Available dosage functions:

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

www.diniargeo.com



DINI ARGEO FRANCE sarl
Nogent-sur-Marne

DINI ARGEO GMBH
Sinsheim - Germany

DINI ARGEO UK Ltd
Taunton - United Kingdom

DINI ARGEO WEIGHING INSTRUMENTS Ltd
Shanghai - China

DINI ARGEO WEIGHBRIDGES
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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE