

Fluid management system FLACODAT IV

The electronic fluid management system FLACODAT IV is used for the controlled, calibrated (or uncalibrated) dispensing of fluids in garages, fleets, municipal operations etc.

It collects and manages the following data that can also be transmitted to Dealer Management Systems (DMS):

- Device ID and dispensing point number
- Status
- ID number of the operator (can be switched on/off)
- Order number (can be switched on/off)
- Date of the fluid dispensing
- Time of the fluid dispensing
- Actual dispensing quantity
- Product description
- Product number

Product Group:

- Comp. Air Tech.
- Industry systems
- Dairy Equipment
- Garage Equipm.
- Tank Technology



Control elements and housing:

- LCD display, 2 lines with 16 characters each, character height 8 mm
- Keyboard with 16 keys in highly resistant, mechanically strong film
- Wall case, dim. 95 x 160 x 245 mm (L x W x H)

Interfaces, connections and network:

- 2 connections for main measuring units with pulse generators
- 2 connections used as the lower level cutoff
- 1 connection for magnetic card reading device or barcode scanner
- An additional board is required for feed pumps with contactor controllers
- Interfaces:
 - RS422 for additional FLACODAT IV (bus-capable up to max. 30 units) and PC
 - RS232 for dot matrix printer
- Pulse input:
 - Calibratable: 2-channels with 90° phase shift (+/- 60°), active 12 V DC, up to 80 mA power consumption
 - Non-calibratable: 1 channel with floating contact
- asa network certified (certificate 0109 O 0003 FLA)
- Communication program for various dealer management systems
- Supply voltage 190 - 250 V AC, 50 - 60 Hz, power consumption 14 VA
- Protection type (according to EN60529) IP40

Function and memory:

- Identification of max. 99 operators by entering the ID number (query can be switched off)
 - Standard: by keyboard
 - Optional: by touch memory (TM) chip, magnetic or barcode card
- Order number entry with up to 13 digits (query can be switched off)
 - Standard: by keyboard
 - Optional: by barcode
- **Comparison of the order number with the DMS** (when connected)
- Quantity pre-selection from 0 to 9999.99 l
- Adjustable number of decimal places (default: 2 decimal places)
- Internal tank data memory for approx. 8,000 records
- Subtracting meter for the tank level indication (at 1 FLACODAT IV per tank)

Approvals for calibratable types:

- PTB: Z 5.128/06.18 for aqueous solutions (viscosity 1–20 mPa·s)
Z 5.631/94.14 for lubricants (viscosity 20–2.000 mPa·s)
- MID: DE-09-MI005-PTB002 for liquids other than water (viscosity 1–20 mPa·s)
DE-09-MI005-PTB003 for liquids other than water (viscosity min. 20 mPa·s)

Information for ordering

Description

Description	Article no.
FLACODAT IV, calibratable	60 004 610
FLACODAT IV, non-calibratable	60 004 620
FLACODAT IV, with integrated reading device for TM chips, calibratable	60 004 640
FLACODAT IV, with integrated reading device for TM chips, non-calibratable	60 004 650

Accessories

TM chip green, for FLACODAT IV with integrated reading device for TM chips <ul style="list-style-type: none">▪ Customer specific programming for system and users	60 100 140
Barcode scanner, not programmed, with desk/wall bracket <ul style="list-style-type: none">▪ Configurable for all current barcode types, reading width 90 mm▪ Can be used for user identification and for reading in order numbers▪ Can be connected to 2 FLACODAT IV▪ Programming of barcode scanner is mandatory	60 003 360
System specific programming of the barcode scanner	69 400 260
Barcode card, customer specific programming for system and user	60 003 460
Additional board for feed pumps with contactor controllers <ul style="list-style-type: none">▪ Installed in FLACODAT IV	43 301 150
Bus cable and pulse generator connection, LIYCY 4 x 0.5 mm ² , per meter	00 012 026
Solenoid valve connection, YSLY-JZ 3 x 0.75 mm ² , per meter	00 011 681