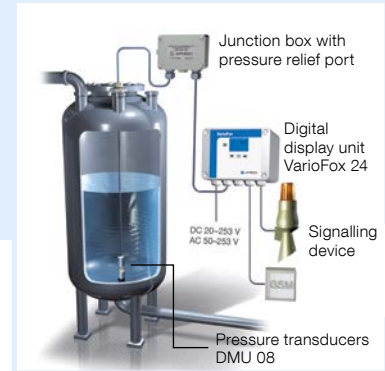


Digital display and control unit VarioFox® 24



- Can be used as compact, ready-to-connect filling or emptying controller
- Visual and audible alarms
- 4 switching outputs
- Data logger function via SD memory card or RS485 interface



Application For recording process parameters. Together with the event reporting system EMS and the AFRISO Net web service, this unit serves as an economical measuring and control station with data logging and remote monitoring functionality.

Description Compact, ready-to-connect display and control unit in a robust wall-mounting housing. With integrated sensor supply and 4 relay outputs. Together with a transducer (e.g. for pressure, temperature, level, etc.), VarioFox® forms an autonomous measuring and control system. VarioFox® is universally applicable and freely configurable.

Technical specifications

Display

Multi-coloured, backlit graphical display (50 x 30 mm).

- Blue = Operation
- Red = Alarm
- Green = Setup

Display (5 digits)

User interface language selectable:

English, German, French, Italian (start and end values as well as comma scalable as required)

Linearity

±0.1 % of measuring range

Resolution

10 bits, decimal point position can be set as required

Response time

< 0.2 s, filter can be activated

Operating temperature range

Ambient: 0/50 °C
Storage: -20/65 °C

Supply voltage

AC 50–253 V, 4.2 VA
DC 20–253 V, 2.7 W

Sensor supply

Integrated, galvanically isolated power supply for transducer: DC 20 V/20 mA

Analogue input

All analogue standard signals, e.g. 4–20 mA, 0–20 mA, 0–10 V

Audible alarm

Integrated piezo buzzer, can be acknowledged

Analogue output 1

0/4–20 mA, galvanically isolated

Analogue output 2

0–10 V, galvanically isolated

Digital interface

RS485 (19200 Baud) with Baud rate adjustment

Switching outputs

Relay contacts: 4 voltage-free changeover contacts (adjustable switching hysteresis)

Contact rating: AC 250 V 2 A 250 VA
DC 250 V 1 A 100 W

Housing

Robust wall mounting housing made of impact-resistant plastic (PC)

W x H x D 175 x 125 x 75 mm

Degree of protection: IP 65 (EN 60529)

Colour: RAL 7035 (grey)

Electr. connection: 5 x cable gland M 16 x 1.5

Linearisation

Customer-specific linearisation with a max. of 24 points for the indication of volume (e.g. litres) in non-linear tanks. Bearing charts for cylindrical horizontal tanks and spherical tanks are pre-programmed.

Min./max. value memory

The highest and lowest values reached during operation can be displayed.

Data storage and clock

Long-term monitoring data is stored on a memory card (SD/MMC). Memory card not included.

DG: H, PG: 4	Part no.	Price €
VarioFox® 24 (4 relay contacts)	31248	
SD memory card 1 GB, industrial version	31257	

Blue part no. = in-stock items