

Monitoring

Mineo 2 Controller Touch

As the secure hub of tank content management, all tank content data converge at the Mineo 2 Controller Touch. Equipped with all common interfaces for flexible connection to external devices such as cash register systems, filling station controls, fuel terminals, etc. the Mineo 2 forms the hub to the Hectronic cloud solutions.



The large 7 inch colour touch display shows tank content data for up to 32 tanks in a clear and user-friendly way.

Functions such as automatic reconciliation, auto-calibration of the tank tables, delivery detection (10 last deliveries) as well as static leak and theft detection make the controller an indispensable helper.

More Functions

- Display of volume (also temp. compensated), fill level (%), ullage, level, water, temperature, limits, status
- Visual and audible alarm, limit values freely configurable, external outputs configurable
- Delivery trend display (estimated time in days until the next necessary delivery)
- Communication protocols: HLS Hectronic-, VR- and H- protocol to host systems (simultaneously serial and TCP/IP)
- IFSF LON optional with Mineo IFSF extension
- Internet-capable, pressure function (with external printer)



Truck Driver Display TDD-S

Your Benefits

- ✓ **Powerful touch controller and user-friendly display device in one**
- ✓ **Central administration of tank content data**
- ✓ **Intelligent internet hub**
- ✓ **Alarm in case of malfunctions and forwarding to external devices**
- ✓ **Diverse communication and connectivity options**
- ✓ **Open for third-party systems**

Typical Applications

- ✓ Filling stations
- ✓ Deposits
- ✓ Process technology

Technical Data

Host protocols	Hectronic HLS, H, VR protocol. Up to 5 hosts can be connected in parallel (COM and LAN). IFSF LON via Mineo IFSF expansion card
Configuration	Configuration software OL- Config 2
Interfaces on Board	3 x serial (configurable as RS232 or RS485) for OptiLevel Connect/Supply, Host, Modem, Printer or TDD-S Truck Driver Display 1x LAN-HOST and Service 1x USB-Service
Additional interfaces	Optional Mineo 2 interface extension board with 2 x RS232 (e.g. modem and printer) 2 x relay output (changeover 230 V/5 A) 6 x channels (configurable as input or output) Outputs DC open collector 24 V Inputs DC 12 to 24 V
Dimensions	W 250 mm x H 210 mm x D 50 mm
Weight	1,5kg
Temperature range	0° C to 50 °C (for heated rooms)
Protection class	IP 20
Power supply	110 V to 230 V AC, 50 Hz to 60 Hz
Power consumption	41 VA
Housing material	ABS







Variations

- Mineo Software Package A - Sales Data**
 Article DL5000.65110100
 Processes the VR-DIP, H- and IFSF- LON protocols. Enables daily reconciliation with alarm, delivery detection with sales data and is a prerequisite for Service Remote auto-calibration.
- Mineo Remote Auto-calibration**
 Article DL8110.50004000
 Service for execution of auto-calibration via auto-calibration servers in the Hectronic cloud
- Mineo Software Package B - Alarm/History - Article**
 DL5000.65110200
 H and VR protocol for external probe connection (the standard scope of delivery includes the H and VR protocol to hosts) as well as history and display of historical alarms.

Options & Packages

- Mineo 2 interface Expansion Board**
 Article 5000.65103100
- Mineo Relay Card**
 Article 5000.65103500
- Mineo Extension IFSF LON**
 Article 5000.65102000
- Connection of TDD-S Truck Driver Display**
 Article 5000.90111000
- Connection of TDD-S Truck Driver Display Outdoor**
 Article 5000.90111010
- Connection of Printer**
 Article 5000.66030000

Combine with

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|  PetroLine ATG Cloud Service: Web-based Tank Content Management Software for the online retrieval of tank content data via web-browser, tablet or smartphone. |  HecoFill System: Limit value and leak monitoring system consisting of HecoFill probe and level controller NK411 or 412 |
|  HecPoll 4/5: Web-based Management Software, which centrally combines the data from fuel terminals and measuring probes. |  Truck Driver Display TDD-S: Displays tank content data for the tank truck driver. |
|  OptiLevel Probes: The level probes measure tank contents reliably and maintenance-free |  |