

GO WITH THE FLOW.



QUICK GUIDE

HARDWARE INSTALLATION

HDA



Part# 110 500 700



OVERVIEW



INVENTORY MANAGEMENT

DESCRIPTION

The HDA consists of the HDA eco automatic dispenser, which is mounted in a sheet metal housing. The built-in HDA eco automatic dispenser is optimised for the administration of small and medium-sized vehicle fleets and enables the administration of up to 10,000 transactions/2000 users /2000 vehicles.

Optional, additional components to create an entire tank system are the feed pump, the flow meter, the dispensing hose with an automatic nozzle and, if applicable, an analogous level probe or fill level switch for monitoring the level in the tank.

INTENDED USE

The HDA is designed as a Fluid Inventory Control System for use in industry, service centers, filling stations and similar facilities.

It is intended for the control of dispensing during the refuelling of vehicles with liquid and pumpable operating media.

The installation and operation of the HDM / HDA in explosion hazardous areas is not permitted. This would constitute a risk of explosion.

PERMITTED MEDIA

All liquid and pumpable operating media including diesel, fuels, chemicals, oils, water, heating oil, coolant, DEF, windshield washer.

Please check the safety data sheet for your medium.

In the case that the medium generates explosion hazards, the user has to make sure that the used additional equipment (e.g. pump and meter) and the electrical and mechanical installation follows the national regulations of explosion protection

TECHNICAL DATA

Dimensions: (WxHxD)	approx 300mm x 300mm x 127mm
Voltage	120v 60 Hz
Ambient temperature	-4 °F to 131°F
Protection class	IP54
Max Switched current	6.2 A
Weight	8 kg
Maximum pulse frequency for the external used flow meter	240 Hz
Maximum failure elevation of the used measuring equipment	
- for a flow meter	0,1%
- for a level sensor	1%



GO WITH THE FLOW.



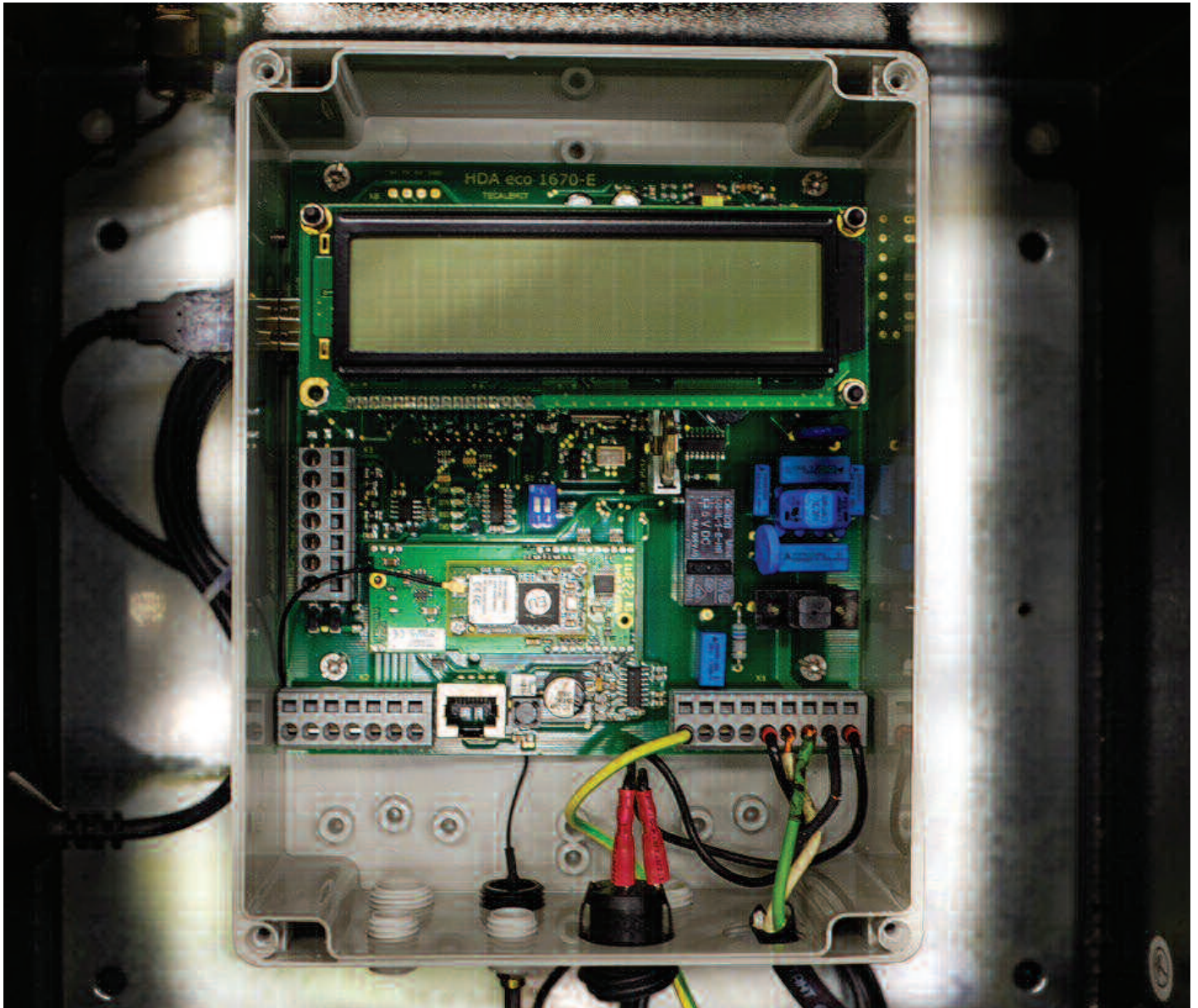
EXTERIOR I/O



GO WITH THE FLOW.



ELECTRICAL BOARD



The HDA internals were kept simple and straight forward. LAN & Wi-Fi capable.



GO WITH THE FLOW.



ELECTRICAL CONNECTION

FMOG
PEEK
914 930 103



White - Signal
Brown - Earth

FMT II
253 590 012



Yellow - Live
Green - Signal
Brown - Earth

FMOG
ALUMINIUM
027 176 600

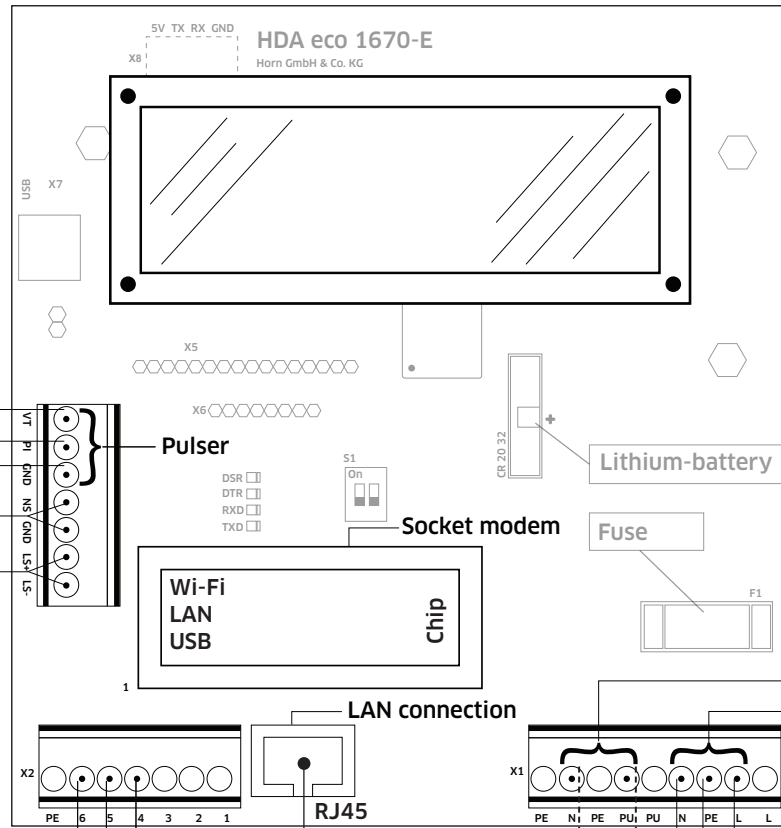


White - Signal
Brown - Earth

Power(5-12V)DC
Signal in from pulser
Earth from pulser
*Nozzle switch
*Probe

*Level
Probe

* To Nozzle
switch



Electrical
board

Lithium-battery

Fuse

Socket modem

Pulser

DSR
DTR
RXD
TXD

Wi-Fi
LAN
USB

Chip

LAN connection

RJ45

Power to contactor/solenoid
Input Power

Ethernet CAT 5
(100m / 328ft max.)

To Printer
USB only

Hot lead
Earth
Neutral

New clean line
from breaker box.

To contactor

Existing pump power line
from breaker

Note:

Power to pump

