

GO WITH THE FLOW.



QUICK GUIDE

HARDWARE INSTALLATION

WONDERBOX GEN II



Part# US110500700



OVERVIEW



INVENTORY MANAGEMENT

DESCRIPTION

The Wonder Box 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 Wonder Box 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 Wonder Box 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 11.75" x 11.75" x 5"
Volatage	120v 60 Hz
Ambient temperature	-4 °F to 131°F
Protection class	IP54
Max Switched current	6.2 A
Weight	18 lbs
Maximum pulse frequency for the external used flow meter	240 Hz
Maximum failure elevationof the used measuring equipment	
- for a flow meter	0,1%
- for a level sensor	1%



GO WITH THE FLOW.



ELECTRICAL CONNECTION

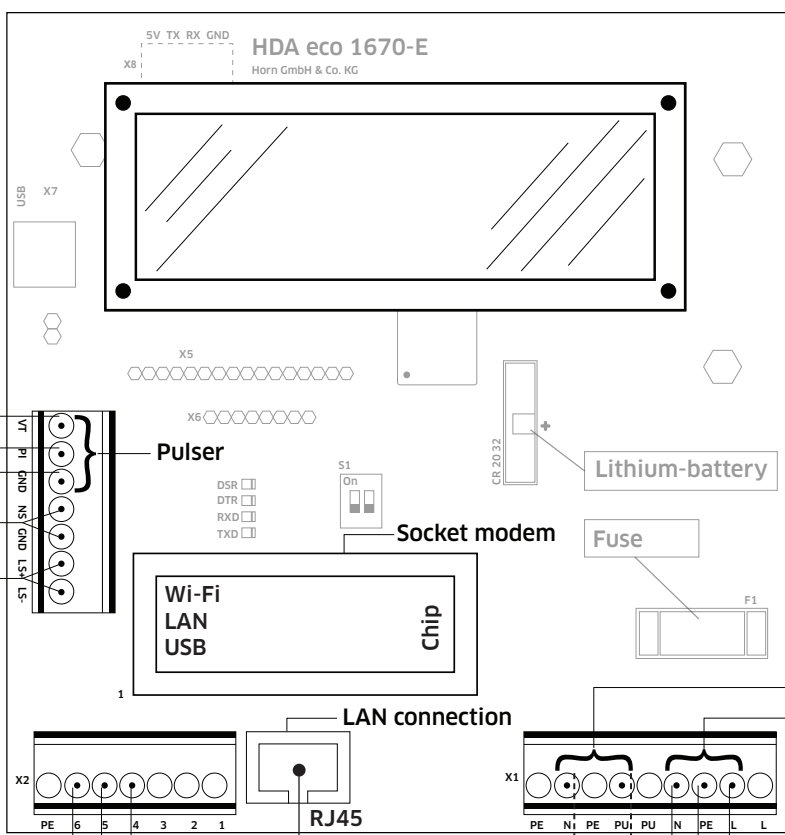
FMOG 100
US253400030
Green - Signal
White - Signal
Yellow - Power
Brown - Ground



FMT 3
US253591099
White - Signal
Brown - Ground



FMOG ALUMINIUM
US027176600
White - Signal
Brown - Ground



Electrical board

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



* To Nozzle switch



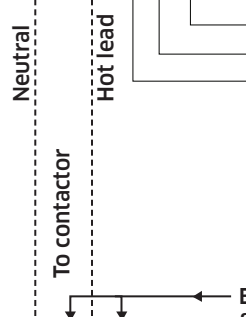
To Printer
USB only



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

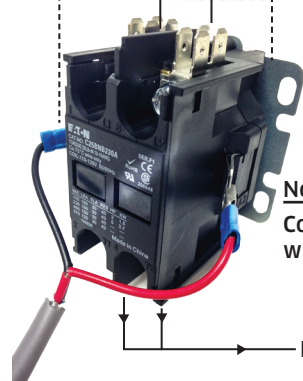


Hot lead
Ground
Neutral
New clean line from breaker box.



Power to contactor/solenoid
Input Power

Existing pump power line from breaker



Note:
Contactor provided with Wonderbox

Power to pump

