

## OceanLink Master 4.3" TFT Display

The new OceanLink Master 4.3" TFT display features a full 24 bit / 16 mio. color optically bonded display with transmissive layer technology for perfect readability even in direct sunlight. The TFT displays and distributes a wide array of data received from NMEA2000® or SAE J1939 or Analogue sensors directly connected to the display. Users can customize up to 40 different data pages with single, dual, triple or quad grid layouts. The OceanLink Master 4.3" TFT Display sends the received data up to 16 satellite 52mm OceanLink gauges. It also converts and sends SAEJ1939 and analogue data to the NMEA2000® network and can be used as a CAN Bus gateway.



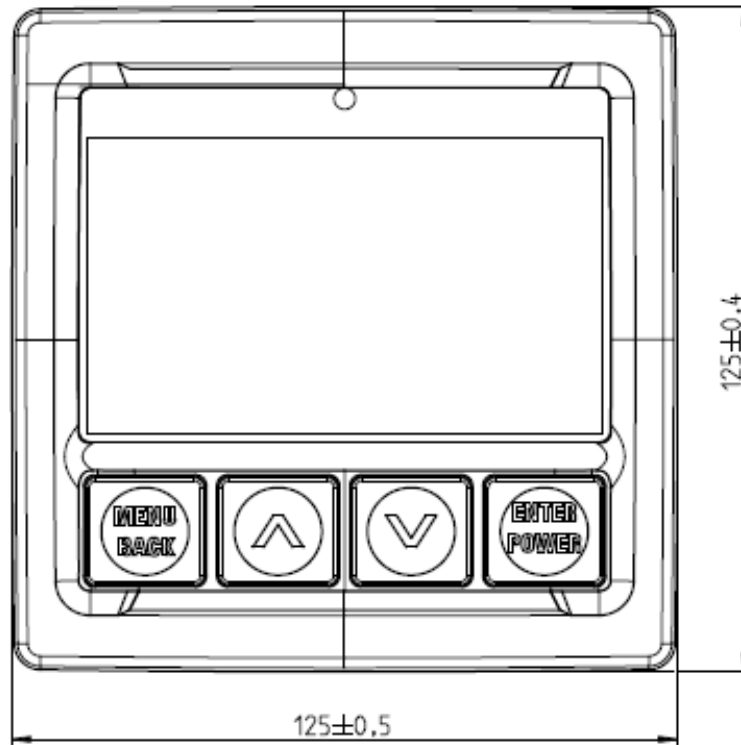
**A2C1352150001**

### Features

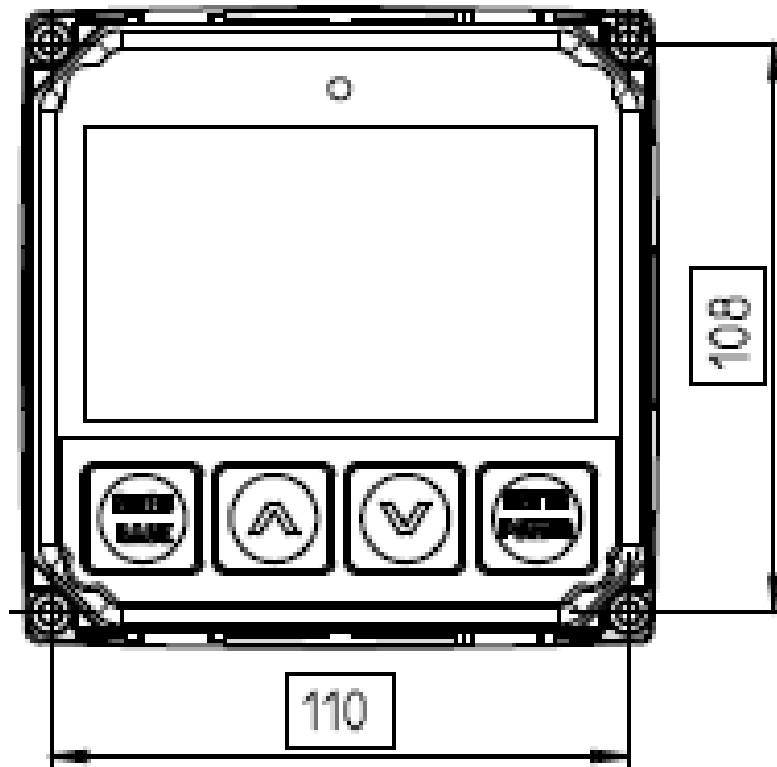
- Full 24 bit / 16 mio. colors
- Optically bonded display
- Transmissive layer technology for unprecedented and unsurpassed readability even in direct sunlight
- 480 x 272 (WQVGA)
- Protection to IP x5 front and rear
- Operating Temperature -20°C / +70°C
- 1 x NMEA2000 certified
- 1 x EasyLink databus
- 1 x J1939 Connector
- 1 x Frequency Input
- 2 x Analogue resistive Input
- 1 x Analogue 4-20mA input for Fresh water sensor
- 1 x Analogue 4-20mA input for Waste water sensor
- Integrated 4 buttons keyboard
- Support VDO MediaBox (interainment box)

**Physical Specification**

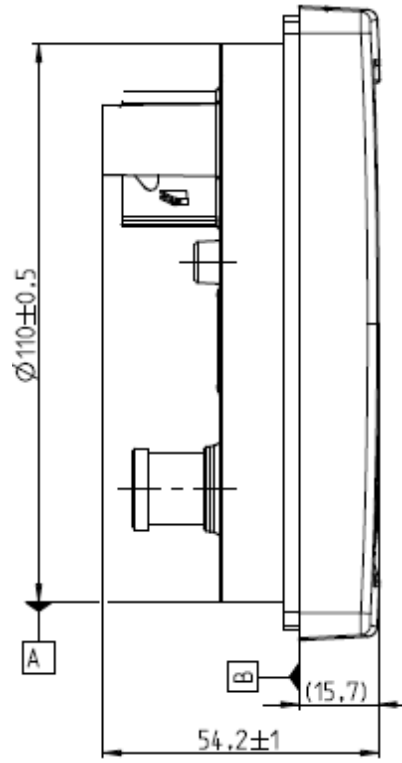
Front with bezel



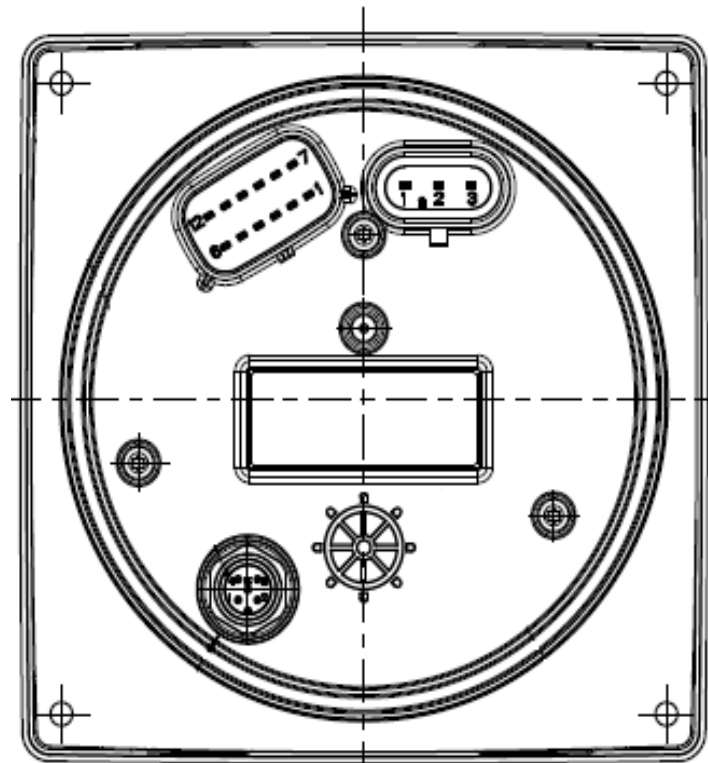
Front without bezel



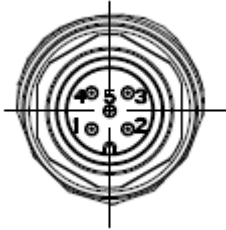
Side View



Rear View - Connector Side



**Rear Case Plugs**



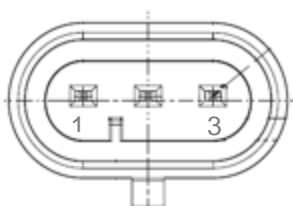
M12 - 5 Pins NMEA2000 Connector

Pin	M12-5Pin
1	Shield
2	NET-S (V+)
3	NET-C (V-)
4	NET-H
5	NET-L



Molex MX150 - 12 Pins Power and Data cable

Pin	Molex MX150	Colour Code
1	Term.30 (Battery)	Red
2	Term.31 (GND)	Black
3	Alarm output 500mA (LOW)	White
4	RPM input (0-4KHz frequency input)	Green
5	CAN Low (J1939)	Blue
6	CAN High (J1939)	Blue/White
7	Term.15 (Ignition)	Yellow
8	0-400Ohm input and 220-330hm for USA sensor (selectable-trim, fresh water, fuel level, rudder angle, pressure and temperature)	Grey
9	0-400Ohm input and 220-330hm for USA sensor (selectable-trim, fresh water, fuel level, rudder angle, pressure and temperature)	Brown
10	Not Used	Orange
11	Fresh Water (4-20 mAmp)	Light Blue
12	Waste Water (4-20 mAmp)	Violet



Tyco AMP Super Seal – 3 Pins Plug & Play

Pin	Amp Superseal - 3 Pin
1	EasyLink - Power
2	EasyLink -Gnd
3	EasyLink - Data

Technical Data	
<b>Housing Material</b>	AL Si12 (Fe)/e-coated (epoxy based) black RAL9005
<b>Bezel Material</b>	PC-FR
<b>Display Type</b>	4.3" transmissive colour TFT
<b>Resolution</b>	480xRGBx272
<b>Operating temperature</b>	-20°C / +70°C
<b>Storage temperature</b>	-30°C / +85°C
<b>Operating voltage range</b>	8 – 28 VDC
<b>Current consumption</b>	< 300mA @ 12Volts
<b>Protection Class</b>	IEC60945 exposed equipment IP X7 front and rear
<b>EMC</b>	DIN-EN 61000-6-2:2006 IEC 60945:2002/ISO7637-2
<b>Approval</b>	CE & NMEA2000

Accessories Part Number	Item specifics
<b>A2C1507870001</b>	Power Cable +data Cable for master TFT
<b>A2C59501969</b>	Silicone cover for display
<b>A2C1152980001</b>	TFT White Bezel
<b>A2C1083230001</b>	TFT Black Bezel
<b>A2C1650700001</b>	EasyLink Extension Cable