

OceanLink® 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.



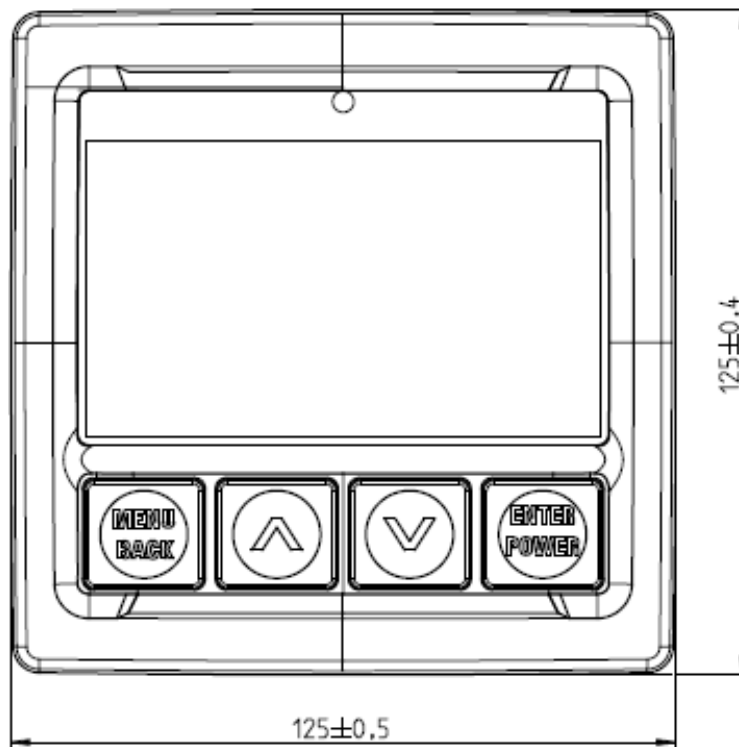
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Features

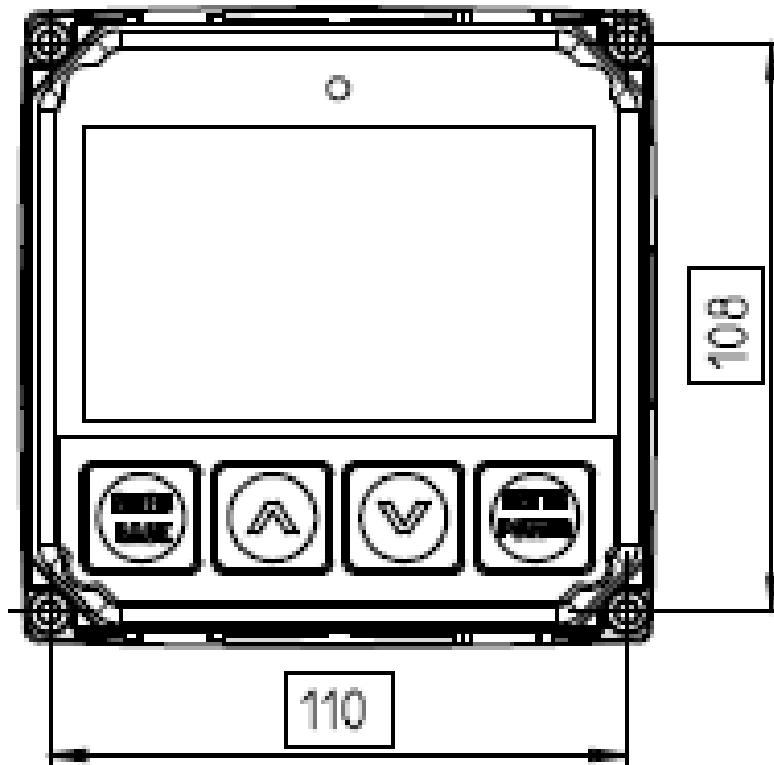
- Full 24 bit / 16 mio. colors
- Optically bonded display
- Transmissive layer technology for unprecedented and unsurpassed readability even in direct sunlight
- 480 x 272 (WQVGA)
- Protection to IP x5 front and rear
- Operating Temperature -20°C / +70°C
- 1 x NMEA2000 certified
- 1 x EasyLink databus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

Physical Specification

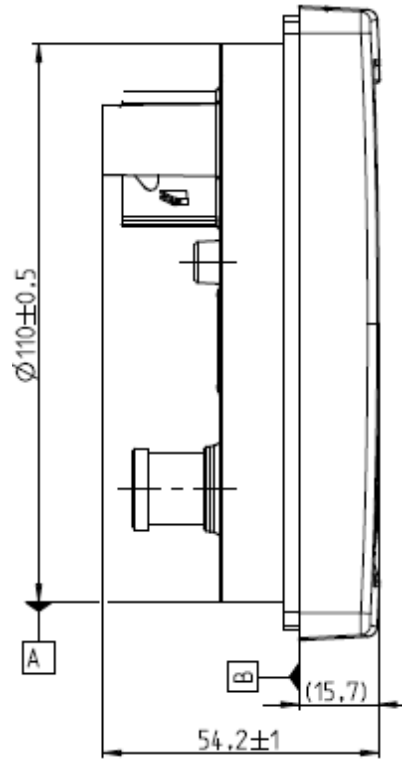
Front with bezel



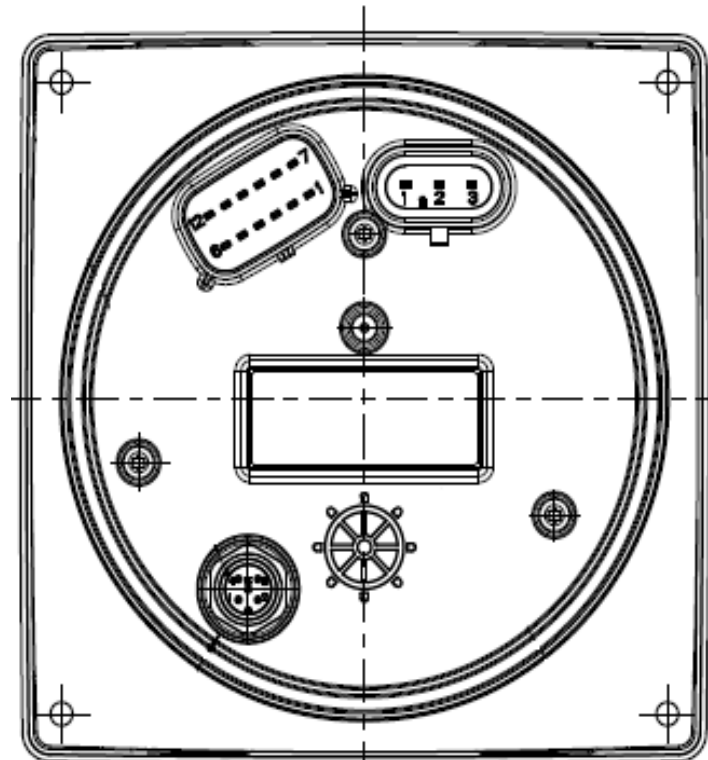
Front without bezel



Side View



Rear View - Connector Side

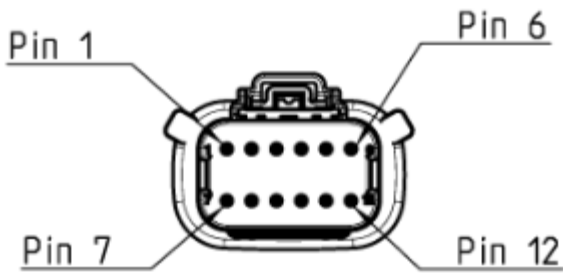


Rear Case Plugs



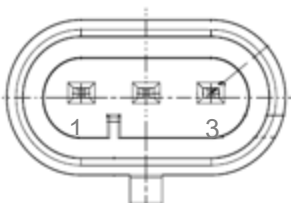
M12 - 5 Pins NMEA2000 Connector

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	0-4000hm input and 220-330hm for USA sensor (selectable-trim, fresh water, fuel level, rudder angle, pressure and temperature)	Grey
9	0-4000hm 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	
Housing Material	AL Si12 (Fe)/e-coated (epoxy based) black RAL9005
Bezel Material	PC-FR
Display Type	4.3" transmissive colour TFT
Resolution	480xRGBx272
Operating temperature	-20°C / +70°C
Storage temperature	-30°C / +85°C
Operating voltage range	8 – 28 VDC
Current consumption	< 300mA @ 12Volts
Protection Class	IEC60945 exposed equipment IP X7 front and rear
EMC	DIN-EN 61000-6-2:2006 IEC 60945:2002/ISO7637-2
Approval	CE & NMEA2000

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