

Visual representation only.
Details may differ from the actual product

Subsea Display

innova.no

Part number: 5045575

The Innova Subsea Display is a versatile stand alone text display for use with subsea intervention and monitoring. The unit comes in a compact package, ruggedized for subsea use.

The unit is oil filled to protect the pressure resistant internal electronics. The display utilizes an array of 8x8 LED dot matrixes to present 10x2 character text messages.

To update text on the displays, write to internal Modbus registers.

Key features

- Ruggedized for subsea use
- Oil filled
- 10x2 character text messages

Application

- Brightness control
- Automatic and configurable sleep
- Prepeared for internal orientation measurment (Roll and pitch)
- Prepared for light sensor for wake-up

Last modified: November 11, 2026
Note: We accept no liability for any printing errors or changes in specification.

SUPPLY

- Supply voltage: 10 to 30 VDC
- Idle current: 60 mA @ 24 VDC
- Operation current: 180 mA @ 24 VDC

INTERFACE

- Protocol: Modbus RTU
- Standard: RS485
- Baud rate: 115200 bps
- Connector: MCBH6M

MECHANICAL

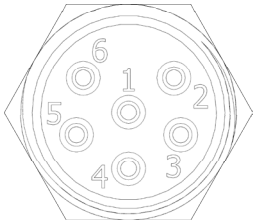
- Size (L x W x H): 104 mm x 314 mm x 44 mm
- Mounting: M8 @ 84 mm x 294 mm
- Weight in air: ~2.1 kg
- Materials: Polymer body and front window AISI316
  A4 trimming

ENVIRONMENTAL

- Pressure: 4000 msw
- Temperature: -20°C to + 50°C

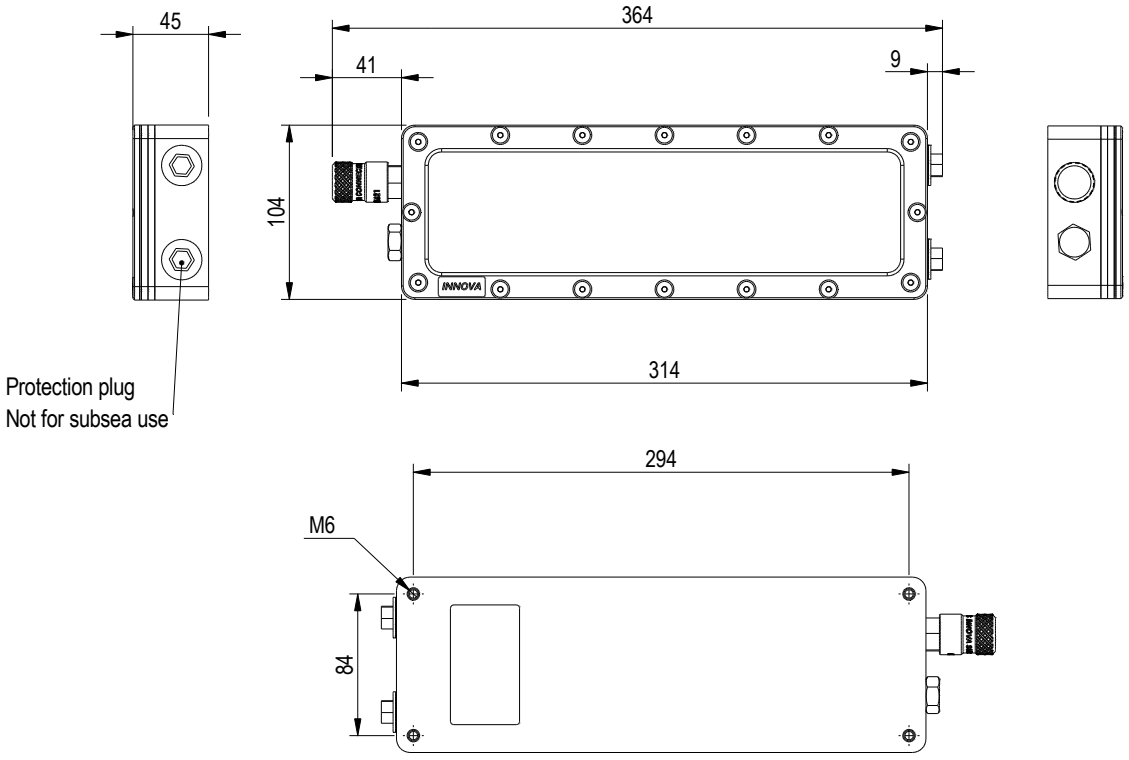
PINOUT

PIN	FUNCTION
1	Supply Voltage +
2	Supply Voltage -
3	RS485 -
4	RS485 +
5	RS485 0V
6	Not in use



The RS-485 interface is galvanically isolated from the supply voltage.

Pin 5 (RS-485 0 V) is a signal reference and must be connected.



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