

STR SEATEXT SUBSEA DISPLAY

STR has developed a new high visibility underwater display enclosed in a compact 3000m rated subsea housing. Full advantage is taken of the latest high efficiency white LED dot matrix technology to realise a very power efficient high visibility design, ideal for battery powered applications.

The display is user configurable to allow for a comprehensive range of input signal formats and display modes. These include RS232 & RS485.

Additional features include display brightness adjustment and the ability to light activate the display.

The display can be used for a wide range of applications, for example to display heading, pitch and roll output from a subsea gyro powered from a battery pack.



KEY FEATURES

- High visibility under water
- Highly configurable by user
- Adjustable brightness display
- High efficiency
- Low power requirement
- Very low standby power
- Light activated turn-on
- Compact size
- 3000m rated as standard

STR SEATEXT SUBSEA DISPLAY

DISPLAY TYPE

Eight character 6 x 64 dot matrix
high efficiency white LED

FEATURES

Alpha-numeric characters (custom characters as option)

User programmable adjustment of output intensity

Front and rear facing light sensors – for optional
activation of display

Programmable display format and
communications protocol

POWER REQUIREMENTS

10 to 35VDC, 2.2W typical at high output brightness,
(typically 150mW in standby)

INPUTS AVAILABLE

RS232 & RS485, user selectable Baud rate
(9600 Baud default)

Optional external enable input or On/Off status output

CONNECTOR

8 pin MCBH8MSS

LED ACTIVE DISPLAY SIZE

31.75mm H, 191mm L

ENCLOSURE DIMENSIONS

Length (including feet): 391mm

Height (including feet): 93mm

Housing diameter: 86mm

HOUSING MATERIAL

Acrylic tube, hard anodized aluminium
end caps and plastic feet

DEPTH RATING

3000m

WEIGHT

2.4kg (including feet)