



G002888

Repeater M 4.3

Part no see below

System: Salwico Cargo, Salwico Cruise, Salwico LNG,
Salwico Offshore, Salwico Ro/Pax, Salwico Workboat,
Salwico Yacht, Salwico Navy, OEM Extinguish

General Description

The Repeater M 4.3 is a repeater panel with a 4.3" graphical colour display used to indicate system status for fire alarms, faults and disablements. Repeater M 4.3 can be mounted on any flat surface or flush mounted, independently from a fire alarm cabinet.

Repeater M 4.3 is equipped with communication buses for connecting to the system, and it provides the following features:

- A backlit 4.3" graphical colour display
- Alarm buzzer
- LED status indicators
- Backbone Bus / Extension Bus interface
- USB interface
- Two inputs and three outputs

Refer to the User Guide for more information on operating Repeater M 4.3.

For details on assembling a system and definitions of common system terms, refer to the Installation Manual.

Data

Operating voltage range	19-30 VDC
Current consumption (at 24V)	92 mA
Ingress protection	IP32
Operating temperature range	-5°C to +55°C
Weight	620 g
Display	4.3", 480×272 pixels, TFT
USB port	USB I.I Embedded Host
Input	24 VDC, digital
Output	24 VDC sinking, max. 40 mA
SD Memory	(Optional)
Certified according to	 0845

Indicators

Refer to the User Guide for more information.

Part No.

Repeater M 4.3 Marine

5100096-20A

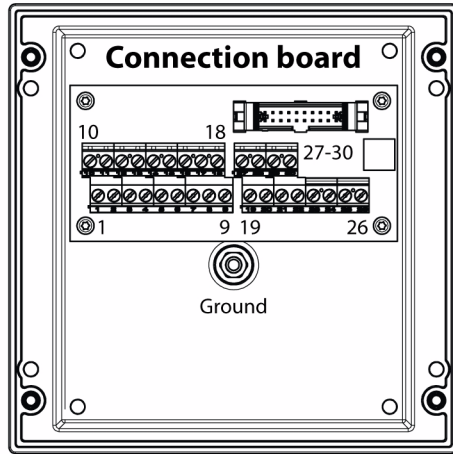
Connections

Connect the Repeater M 4.3 to BBE or to Extension Bus.



Note!

See figure below for connection alternatives;
i.e. Connection board or Front panel rear.

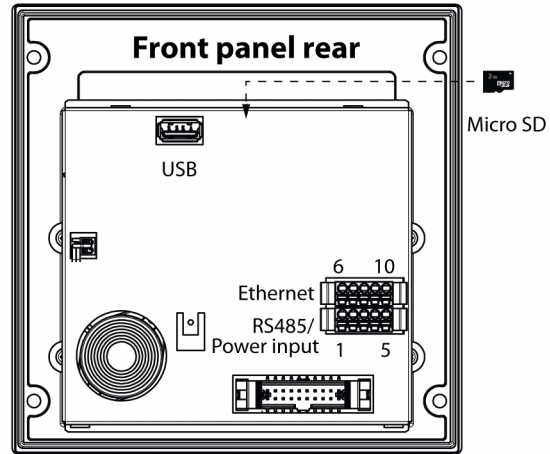


CONNECTION BOARD

IN	2	NMEA INPUT Not used	A	30
			B	29
OUT	3	INPUT	-	28
			+	27
OUT	2	OUTPUT	-	26
			+	25
OUT	1	OUTPUT	-	24
			+	23
IN	1	OUTPUT	-	22
			+	21
IN	1	INPUT	-	20
			+	19

BBE, OUT	2	SIGNAL GROUND, BBE OUT	SG	18
		POWER SUPPLY	V-	17
BBE, OUT	1	BBE2, OUT - 24VDC	V+	16
		POWER SUPPLY	V-	15
BBE, OUT	2	BBE1, OUT - 24VDC	V+	14
		BBE2	D-	13
BBE, OUT	1	OUT - RS485	D+	12
		BBE1 / EXTENSION BUS	D-	11
BBE, IN	2	OUT - RS485	D+	10
		SIGNAL GROUND, BBE IN	SG	9
BBE, IN	2	POWER SUPPLY	V-	8
		BBE2, IN - 24VDC	V+	7
BBE, IN	1	POWER SUPPLY	V-	6
		BBE1, IN - 24VDC	V+	5
BBE, IN	2	BBE2	D-	4
		IN - RS485	D+	3
BBE, IN	1	BBE1 / EXTENSION BUS	D-	2
		IN - RS485	D+	1

BBE = Backbone Bus External



FRONT PANEL REAR

ETHERNET	ETHERNET Tx	Tx-	10
	Not used	Tx+	9
ETHERNET	ETHERNET Rx	Rx-	8
	Not used	Rx+	7
ETHERNET	GROUND, ETHERNET	G	6

RS485	POWER INPUT	V+	5
	24VDC	V-	4
RS485	EXTENSION BUS	D+	3
	RS485	D-	2
RS485	SIGNAL GROUND, RS485	SG	1

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RS485 Termination

For RS485 Termination the built-in terminator (120 ohm) can be activated with the RS485 DIP switch located on the rear of the front panel. For recommendations and examples on RS485 Termination, refer to the Installation Manual.

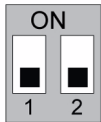
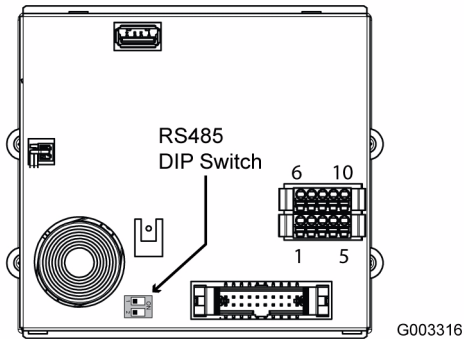


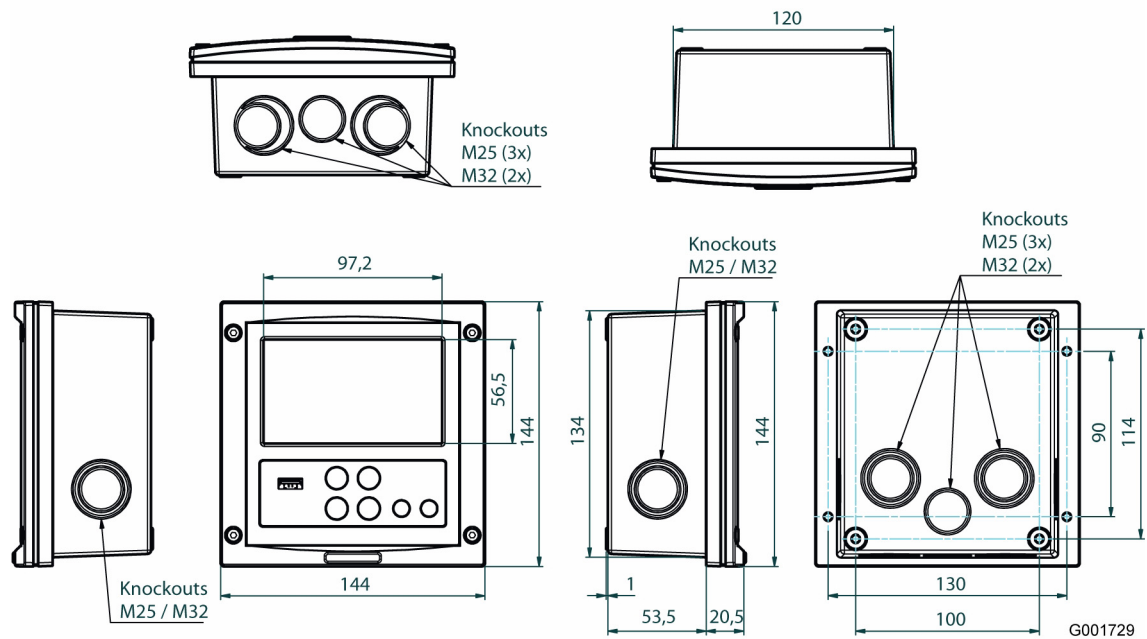
Table 1. DIP switch for RS485 Termination

DIP Switch No.	Description	ON	OFF
1	BBE1	Active	Deactivated
2	BBE2	Active	Deactivated

Addressing

- Press both arrow keys (⬆ + ⬇) to open the Enter Access Code menu. Approximate 4-5 seconds.
 - Use the arrow keys to scroll and select the digits for the Access Code.
 - Confirm with the Local Mute button (🔇) (= Next digit or Enter). (🔇 = Previous.)
- Proceed to choose address and layout for the Repeater module:
 - Enter Central Address
 - Enter Module Address
 - Enter Layout
 - Reboot the Repeater module (it will take the module about 20 seconds to restart).
 - For all menu alternatives use the arrow keys to scroll and select. Confirm with the Local Mute button.
 - Follow the instructions on the lower part of the screen.

Module Dimensions (mm)



Mounting Dimensions (mm)

