

S2C ACOUSTIC RELEASE

UNDERWATER ACOUSTIC RELEASE DEVICE



- Acoustic trigger for easy recovery of underwater assets
- Individually addressable
- Light, compact and efficient pressure neutral mechanism
- Durable construction
- Suitable for long-term and short-term deployments

TECHNICAL SPECIFICATIONS

GENERAL	OPERATING DEPTH	8000 m
	ACOUSTIC RANGE	1000 - 8000 m (depends on connected modem type)
	OPENING LOAD	250 kg
	MAXIMUM STATIC LOAD	500 kg
	OPENING TIME	See Pressure vs. Opening Time in Figure 1
POWER	CONNECTOR	SubConn® Micro Circular Series or SubConn® Circular Series ¹⁾
	CONSUMPTION on 24 VDC	1.9 - 21 A
	POWER SUPPLY	External 24 VDC
PHYSICAL	MATERIALS	Stainless Steel, Polyurethane
	DIMENSIONS	Releaser Cable
	WEIGHT dry/wet	360 / 200 g
	TEMPERATURE RANGE	Operating: 0°C - +30°C, Storage: -10°C - +35°C
ACCESSORIES	Shackles for payload attachment included	
MOUNTING	4 x M5 socket head cap screws ISO 4762 / DIN 912 recommended	

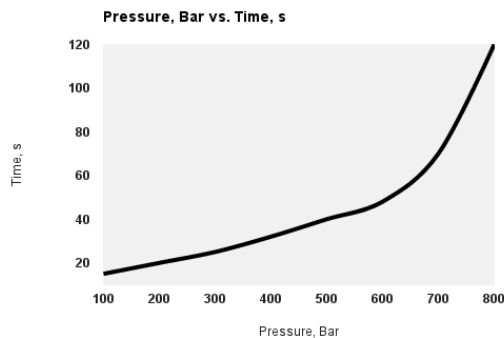
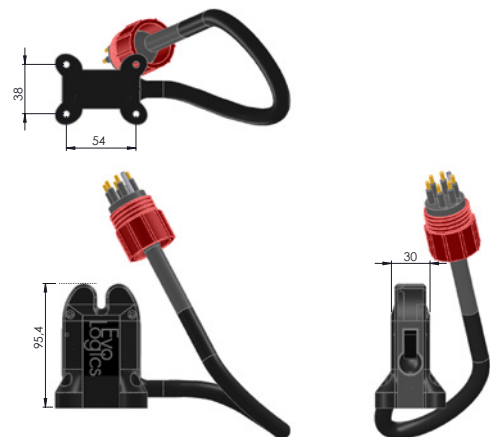


Figure 1 Pressure vs. Opening Time



¹⁾The choice of connector type depends on the required depth rating. Contact EvoLogics for more information!

²⁾Thicker cable corresponds to the SubConn® Circular Series connector option. See Configuration options page for available cable lengths.

Specifications subject to change without notice. The images are for illustrative purposes only. Consult EvoLogics to make sure the technical characteristics match your requirements. ©EvoLogics GmbH - June 2020.

Compatible with selected Evologics S2C devices, the Acoustic Release module extends the functionality of your underwater system - using acoustic signals, trigger the Acoustic Release to drop the attached weight, deploy sensors at desired location, operate a mechanism or recover underwater equipment. After receiving a special acoustic trigger from a remote S2C device, the module opens the lock and releases the shackle or frame with the asset attached. Based on a hydraulic system, the powerful opening mechanism offers great durability with its reliable construction.

We are always ready to approach your project individually and address any special requests.

CONFIGURATION OPTIONS

CONNECTOR TYPE	SubConn® Micro Circular Series MC1L8M or SubConn® Circular Series IL6M
CABLE LENGTH	0.30 - 10 m (standard 0.50m)

