

## S2C Acoustic Release

PRODUCT INFORMATION



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 <sup>1)</sup>
	CONSUMPTION on 24 VDC	1.9 - 2.1 A
	POWER SUPPLY	External 24 VDC
PHYSICAL	MATERIALS	Stainless Steel, Polyurethane
	DIMENSIONS	Releaser Cable
	WEIGHT dry/wet	360 / 200 g
	ACCESSORIES	Shackles for payload attachment included
MOUNTING	4 x M5 socket head cap screws ISO 4762 / DIN 912 recommended	

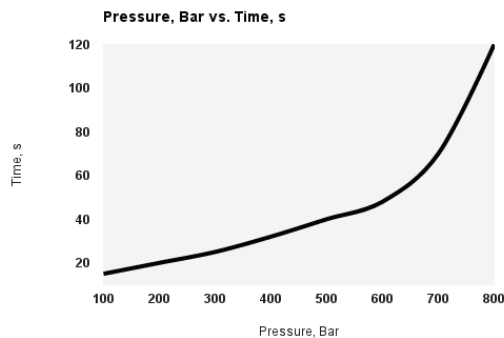
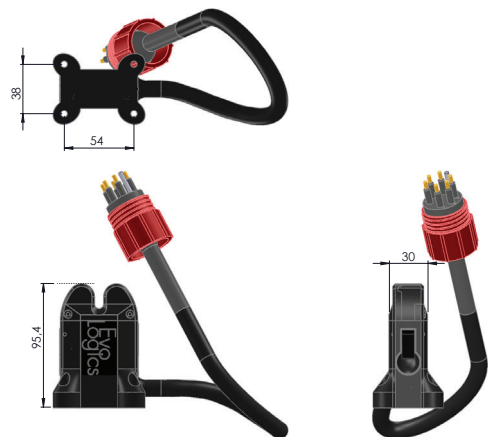


Figure 1 Pressure vs. Opening Time



<sup>1)</sup> Choice of connector type depends on required depth rating. Contact Evologics for more information!

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

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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 MCL8M or SubConn® Circular Series IL6M
CABLE LENGTH	0.30 - 10 m (standard 0.50m)

