



Ocean Data System
MARINE ELECTRONICS SOLUTIONS



TEPSS

An extended range of release snap-shackles with advanced features

- Remote release
- Manual release
- Load measurement
- Swivel



*Snap shackles with
Remote-controlled
opening and load
measurement*

UpSideUp
100% compatible

Registered pattern

- The three sizes available are derived from Tylaska® T8, T20 and T30 snap shackles and therefore inherit all their mechanical strength specifications.
- Open under load, triggered manually or remotely by a compressed air pulse, itself controlled by an electrical signal (12/24 VDC or 110vac/220 VAC).
- The load cell option enables continuous measurement of the strength of the rope (T20 and T30 only).
- Remote triggering uses pneumatic energy from a rechargeable compressed air tank, which can be inflated with a bicycle pump or automatically kept under pressure using a compressor.

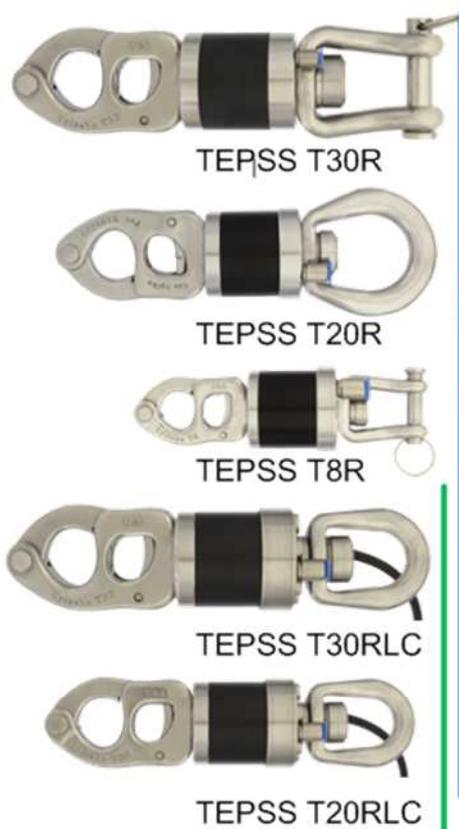
Examples of common applications :

- Sailing : Mainsail sheet's, Self tacking jib sheet, boomvang, ...
- Man overboard unit.
- Other sports activities.
- Industry, handling, crash tests...
- Towing,...

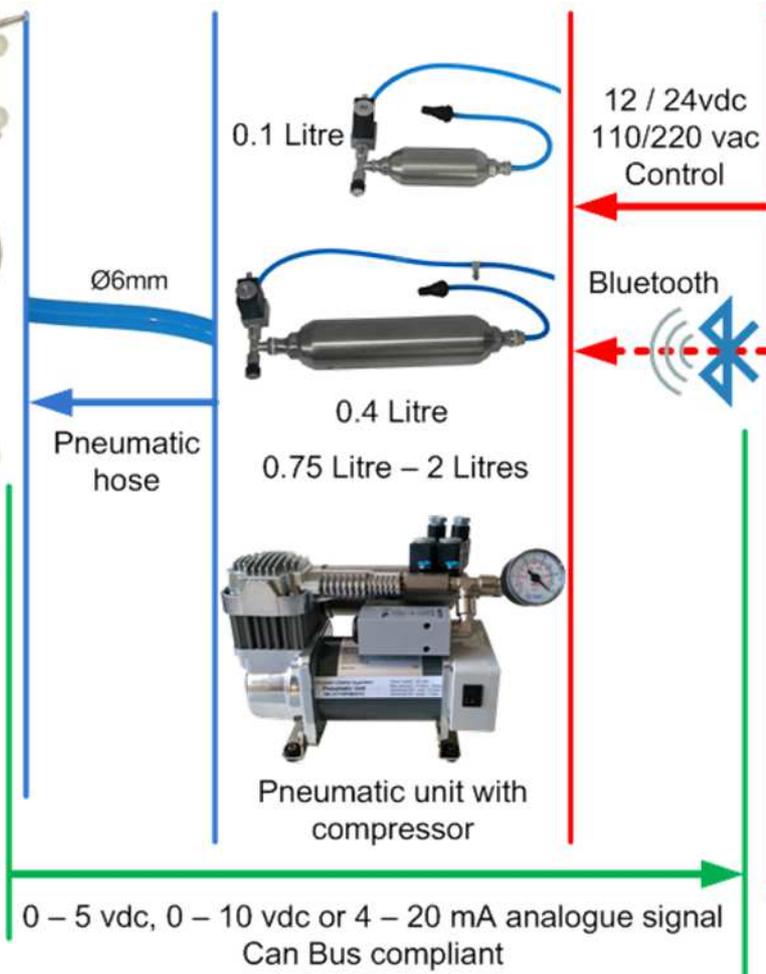


An **ODS DEVELOPMENTS** solution

TEPSS range



Air pressure supply



Control devices



TEPSS range	Dimensions (mm) With large bail	Weight (gr)	Max Work load	Max release load	Breaking strength
TEPSS T8R	134 x 40 x 39	340	1810Kg	1200Kg	3630kg
TEPSS T20R	188 x 62 x 47	770	4540kg	3000Kg	9070kg
TEPSS T30R	244 x 80 x 54	1500	6818kg	4500Kg	13610kg
TEPSS T20RLC	200 x 62 x 47	790	4545kg	3000Kg	9070kg
TEPSS T30RLC	258 x 80 x 54	1540	6818kg	4500Kg	13610kg

Functions	Reference
Remote release - Swivel	R
Remote release - Loadcell - Swivel	RLC
Loadcell - Swivel - Manual triggering shackle	MLC
Loadcell - Swivel	LC

Environmental features	
Protection	IP 67 (IP65 w/ Loadcell)
Working temp.	-20°C à +80°C



Pneumatic features	
Service pressure	3 (indicative) to 10 bar
Loadcell features	
Static overload	120%
Supply voltage range	8.5 to 28 or 13 to 30 V
Available output signals	mV/V / 0-5v / 0-10v / 4-20mA CAN Bus
Linearity error	< ± 1% full scale
Compensated temp. range	0°C to +60°C
Zero shift within CTR	< 0.5% full scale / 50°C
Sensitivity shift within CTR	< 1.5% of reading / 50°C

Do not use The ODS Developments products for human suspension, unless product is specifically certified and labelled for such use.

OCEAN DATA SYSTEM

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