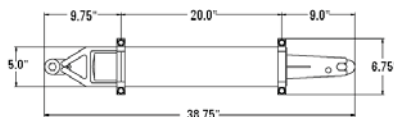


# 8242XS

## ACOUSTIC RELEASE TRANSPONDER

### FEATURES

- Release load of 5,500 kg
- Longest history of reliability in the industry
- Nickel Aluminum Bronze alloy construction
- Titanium closure hardware
- Transponder for positioning and recovery
- Several battery configuration options for long life
- Secure command coding
- Options:
  - I/O communication
  - Pressure activation
  - External On/Off
  - Extended battery life



||| The 8242XS Acoustic Release Transponder is a field-proven, reliable, and versatile mooring instrument. The 8242XS is made entirely of Nickel Aluminum Bronze alloy with titanium closure hardware for very long deployments with no corrosion. Acoustic status reply includes tilt and release state. Command structure proven in the toughest acoustic environments anywhere. Many of these releases are over 15 years old and still in use.

For more information please visit [ORE.com](http://ORE.com)

[sales@ORE.com](mailto:sales@ORE.com) | USA 1.508.291.0960

# 8242XS

## ACOUSTIC RELEASE TRANSPONDER

### KEY SPECIFICATIONS

| MECHANICAL            |  |
|-----------------------|--|
| Release mechanism     | Spring driven rotary type with advantage hook  |
| Release load rating   | 5,500 kg (12,000 lbs) central axis loading   |
| Depth rating          | 6000 meters (19,700 ft)  |
| Length                | 94.6 cm (37.2 in) (Standard)   |
| Weight in air         | 36 kg (79 lbs) (Standard)  |
| Weight in water       | 28 kg (62 lbs) (Standard)  |
| Exposed materials     | Acetal (washers etc)<br>NiAlBz (housing end caps and mechanism)<br>Buna -N (O-rings)<br>Titanium |
| ELECTRICAL            |  |
| Transmit source level | 192 dB re 1 micro Pascal   |
| Command codes         | BACS commands (ORE Offshore)   |
| Receiver sensitivity  | 100 dB re-1uPascal-meter   |
| BATTERY TYPE          | BATTERY LIFE   |
| Welded Alkaline pack  | 2 years & 40,000 replies   |
| Replaceable Alkaline  | 2 years & 100,000 replies or 4 years & 200,000 replies   |
| Replaceable Lithium   | 4.5 years & 250,000 replies or 9 years & 500,000 replies   |

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