

Transponder - cNODE MiniS 34-40V



Kongsberg Maritime's cNODE MiniS Transponder, the most advanced HiPAP mini SSBL and LBL transponder developed to date. cNODE MiniS has an impressive range of features, including 560+ Cymbal digital acoustic channels.

The transponder is available with a pressure rating of 4000m and 7000m and different transducer options, including remote transducers. Models with high accuracy strain-gauge pressure sensors are available.

The cNODE MiniS transponders are ideal for positioning WROVs or towfish and can be interfaced to a responder trigger and powered by ROV's or towfish 24V supply for longer dive time.

Key Features

- 560+ Cymbal wideband codes
- Backwards compatible with HiPAP B-channels (FSK)
- SSBL and LBL positioning modes
- Supports Fast-track mode for higher update rate
- Telemetry for power settings and channel change
- Responder mode
- Model with remote transducer
- Optional strain gauge pressure sensor available (high accuracy 0.05% F.S.)

Specifications

External power supply	24V (20-28V)	Quiescent battery life	30 days
Connector	Seacon MCBH8M	Cymbal, Low power, 1 sec rate	>2.5 days*
Peak power draw	1A	Cymbal, Low power, 3 sec rate	>7 days*
Range accuracy	2 cm	(power save mode)	
Internal battery type	Li-Fe	FSK, High power, 3 sec rate	>4.5 days*
Operating temp.	-5°C to +55°C		

*) Battery life is about 35% if the transponder replies with sensor data

cNODE MiniS Model

34-40v

Item number	396590
Depth rating	4000 m
Housing	Aluminum
Typical range capability	5000 m
Source level	203 dB
Beam width	40 vertical
Dimensions (L x Dia)	321 x 105 mm
Weight in air/water	4.6 kg / 2.1 kg