

# Digital / Synchro Resolver gateway

## Description:

The converter includes an aluminum housing (267 x 205 x 99mm) equipped with two brackets and glands. The main housing includes a display module and a synchro resolver conversion module.

That equipment enables the conversion of a digital heading information into an analogue synchro resolver signal.

Heading information is shown on a LED display, whose dimming can be set up.



## Operation:

The converter is operating by itself: it receives a NMEA0183 digital heading information as an input and converts it into a 400Hz analogue heading information as synchro resolver output signal.

## Features:

- One digital to synchro resolver channel.
- NMEA0183 digital signal converted into a 115V / 400 Hz synchro resolver analogue signal.
- Permanent built-in test with status given by a two-states LED
- LED display
- Dimming set up

## Analogue interfaces:

- 1 x 115V or 230V / 60Hz power supply input
- 1 x Synchro resolver RL, RH reference voltage inputs: 115V / 400Hz
- 1 x three-phase synchro resolver 90V / 400Hz

## Digital interface:

- 1 RS422 NMEA message INHDT serial input

## Compliance:

- EMC: EN61000, EN60945
- Cybersecurity:
  - No BIOS
  - No OS
  - No log
- IP65

## Product references:

- NATO code: F7582
- Reference: PVBEN391/O/O3
- Options: 28V DV input power

Product designed and made in France by - ATOS group

For more information:

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CT-200213-RD-Digital-Synchro-Resolver-Converter