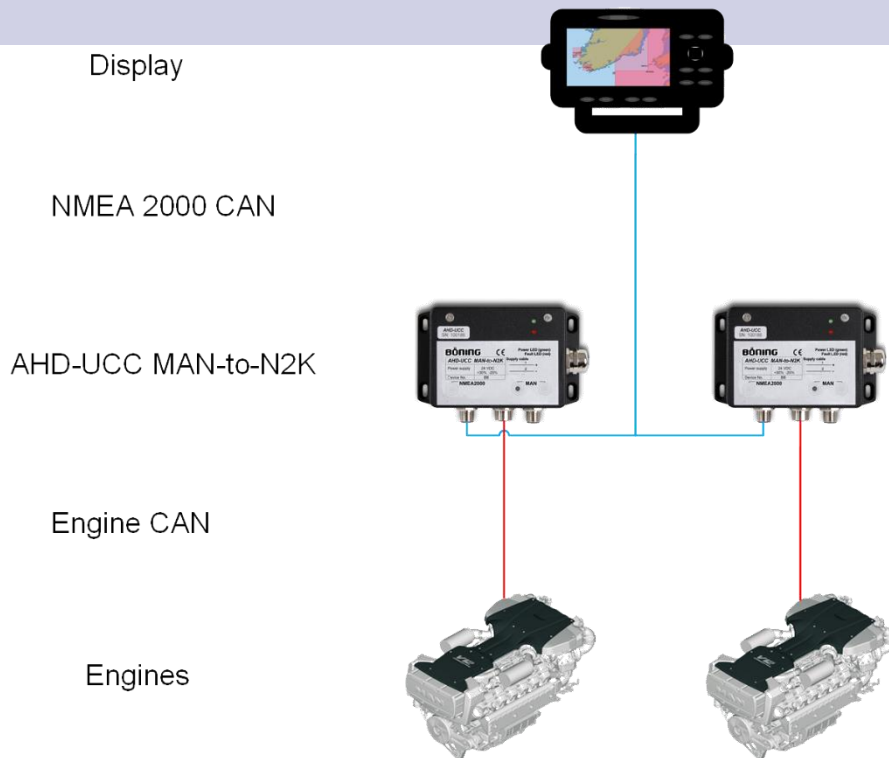


# **AHD-UCC MAN-to-N2K**

## **Engine to NMEA 2000 Data Conversion**



- ***Conversion of MAN® engine data to NMEA 2000, for example for the display on plotters***
- ***Supports EDC, CR, VNew with engine control devices EDC5 and EDC7***
- ***Supports standard diesel engines of other manufacturers: CAT, MTU, John Deer, Cummins...***

AHD-UCC MAN-to-N2K converts engine data of common engine types to NMEA 2000 messages, for example for the display on NMEA 2000 compatible plotters.

AHD-UCC MAN-to-N2K supports MAN engines of the types EDC, CR and VNew with the engine control devices EDC5 and EDC7.

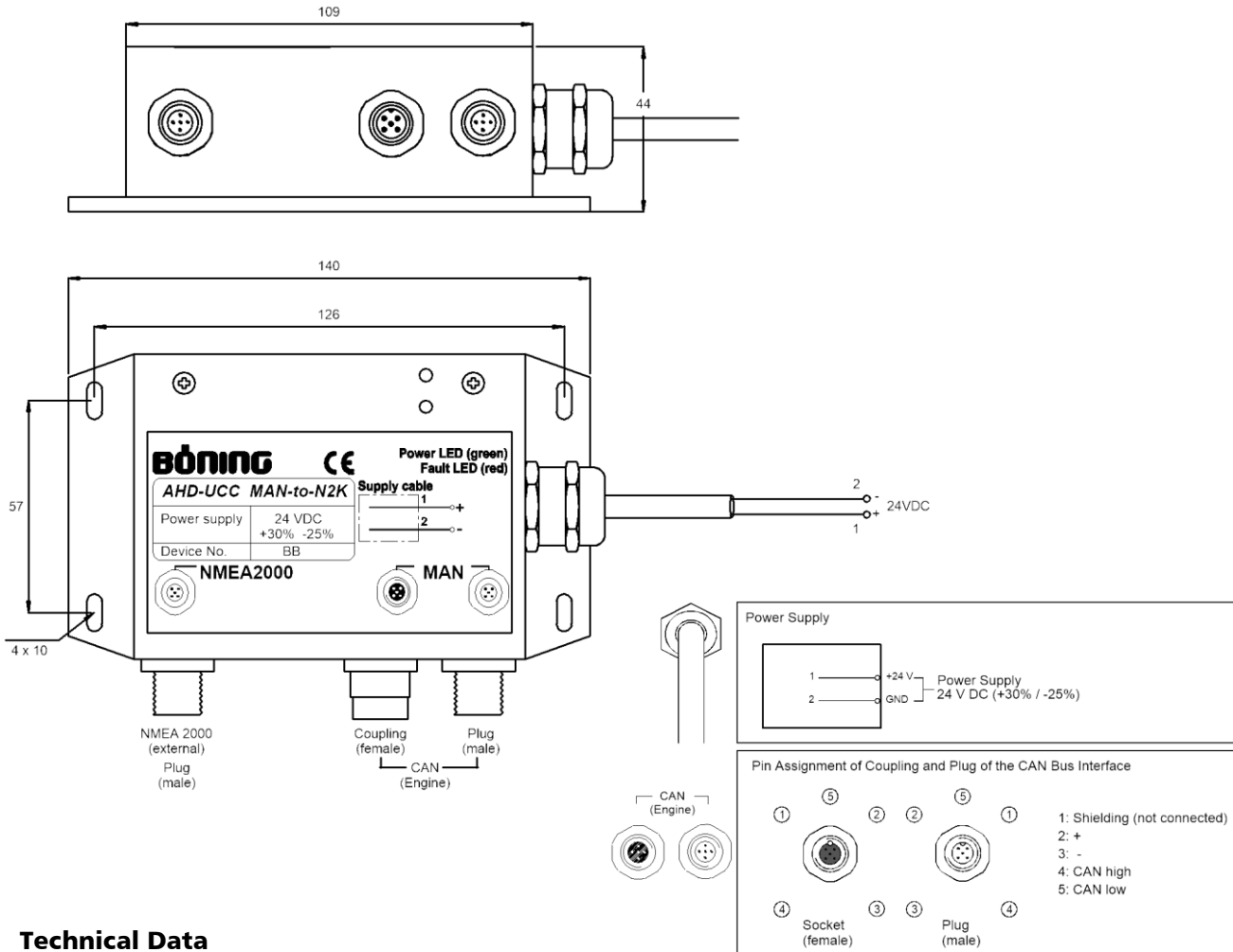
Furthermore, standard J1939 diesel engines of other manufacturers (CAT, MTU, John Deer, Cummins...) are supported.

AHD-UCC MAN-to-N2K provides 2 DeviceNet CAN interfaces for the connection to the engine system.

At another, galvanically separated, CAN interface the converted engine data are forwarded to the NMEA 2000 system.

AHD-UCC MAN-to-N2K is available in 2 variants, one for a port engine and one for a starboard engine.

## Technical Information



## Technical Data

Dimensions W x H x D	140 x 82 x 44 mm
Weight	Ca. 0.45 kg
Operating Temperature	-25°C ... +70°C
Storage Temperature	-50°C ... +85°C
Protection Class	IP 56
Power Supply	24 V DC (+30%/-25%)
Current Consumption, max.	55 mA
Interfaces	2 x CAN, input and output for connection to the engine system plug and socket DeviceNet compliant 1 x CAN, output for connection to the NMEA 2000 system plug DeviceNet compliant

Approvals -

Item Number	20648 (for portside engines) 209649 (for starboard engines)
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## Supported MAN® marine engines with EDC5 or EDC7 (Others on request)

D 0836 LE 401	D 2842 LE 404	D 2848 LE 403	D 2868 LE 426
D 0836 LE 402	D 2842 LE 407	D 2848 LE 422	D 2868 LE 436
D 0836 LE 404	D 2842 LE 409	D 2848 LE 423	
D 0836 LE 423	D 2842 LE 410	D 2848 LE 426	D 2876 LE 401
	D 2842 LE 416	D 2848 LE 436	D 2876 LE 402
D 2676 LE 423	D 2842 LE 417		D 2876 LE 404
D 2676 LE 443	D 2842 LE 418	D 2862 LE 426	D 2876 LE 405
	D 2842 LE 423	D 2862 LE 436	D 2876 LE 423
D 2840 LE 403	D 2842 LE 433	D 2862 LE 446	D 2876 LE 426
D 2840 LE 404	D 2842 LE 443	D 2862 LE 456	D 2876 LE 433
D 2840 LE 422	D 2842 LE 453	D 2862 LE 476	
D 2840 LE 423			