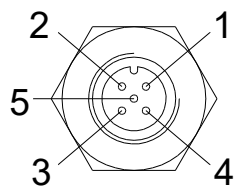
External View





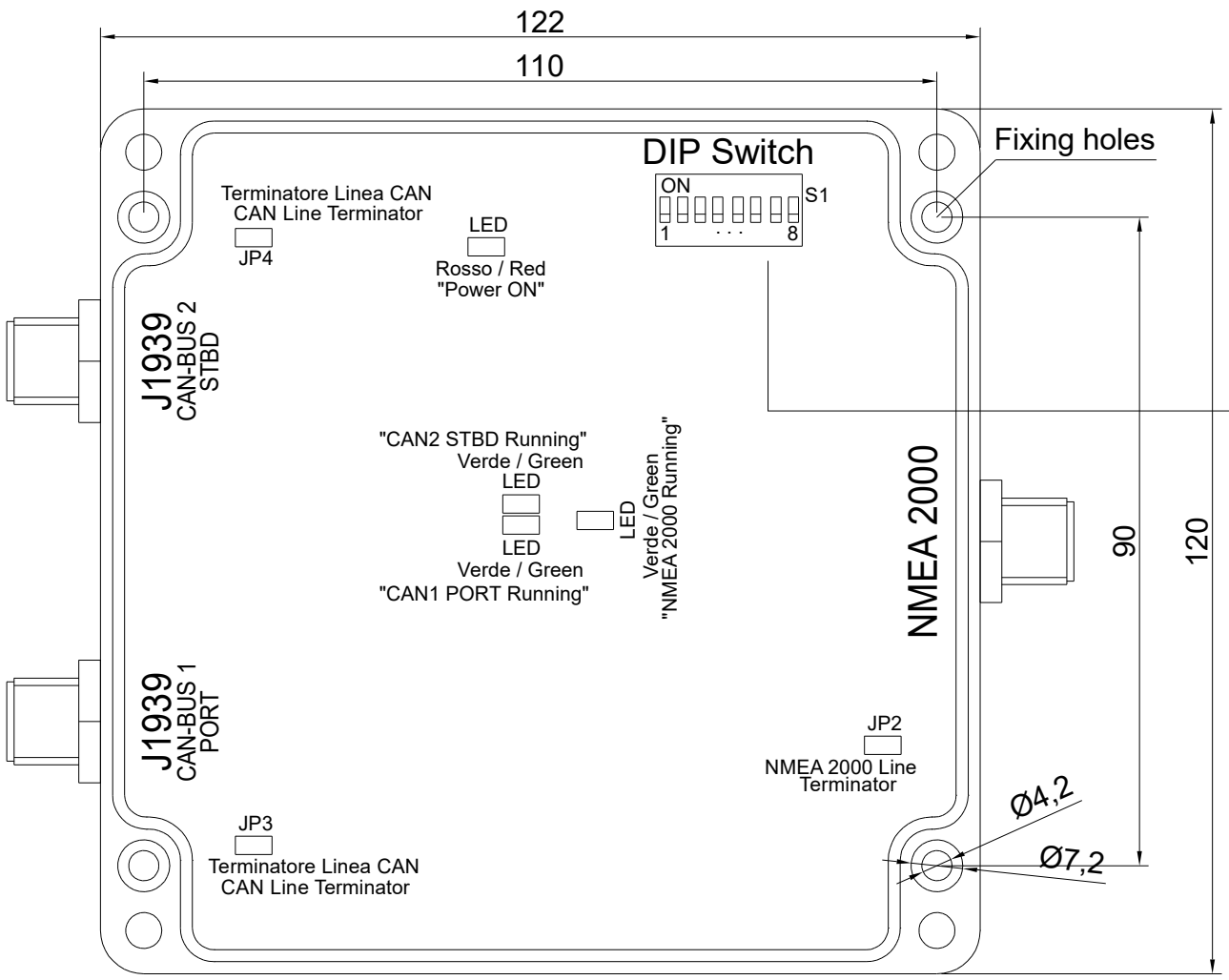
M12 Male
Connector
5 Pins Male

PIN	NMEA2000 FUNCTION
1	Shield
2	NET-S (+V Power supply)
3	NET-C (-V Power supply)
4	NET-H (CAN-H)
5	NET-L (CAN-L)

PIN	CAN BUS 1 FUNCTION
1	J1939 CAN Shield
2	J1939 +VPower supply
3	J1939 -V Power supply
4	J1939 CAN-H
5	J1939 CAN-L

PIN	CAN BUS 2 FUNCTION
1	J1939 CAN Shield
2	J1939 +VPower supply
3	J1939 -V Power supply
4	J1939 CAN-H
5	J1939 CAN-L

Internal View



PIN	DIP SWITCH FUNCTION
1	Reserved
2	Reserved
3	Engine instance
4	Engine instance
5	Engine instance
6	NMEA2000 Device Instance
7	NMEA2000 Device Instance
8	NMEA2000 Device Instance

DIP SWITCH (S1) SETTINGS	
OFF=0 - ON=1	
Dip Switch **1-2** 0-0	Function / Settings **Reserved**
3-4-5 0-0-0 1-0-0 0-1-0 1-1-0 0-0-1 1-0-1 0-1-1 1-1-1	**Engine Instance** Engine 0 and 1 Engine 1 and 2 Engine 2 and 3 Engine 3 and 4 Engine 4 and 5 Engine 5 and 6 Engine 6 and 7 Engine 7 and 8
6-7-8 0-0-0 1-0-0 0-1-0 1-1-0 0-0-1 1-0-1 0-1-1 1-1-1	**Device Instance** Device 0 Device 1 Device 2 Device 3 Device 4 Device 5 Device 6 Device 7

TECHNICAL FEATURES	
Dimensions	122 x 120 x 55mm
Bolt circle	110 x 90mm
Inputs	2 x CAN Bus J1939
Output	1 x NMEA2000
Connectors	3 x M12-5pins
Power supply	12/24V <250mA
Environment	-20 +70°C / IP65

INTERNAL DIAGNOSTIC LED
"Power On" (Red)
Turned on fixed = Ok
"CAN 1 PORT" / **"CAN 2 STBD"** (Green)
Flashing = CAN Bus line Ok
Turned on fixed = No signal
"NMEA2000" (Green)
Flashing = CAN Bus line Ok

NOTE: To power the converter, use the CAN Bus 1 (PORT) and CAN Bus 2 (STBD) connectors

Rev	Date	Description of changes - Descrizione modifiche
4	07/06/12	Aggiornato layout interno e aggiunti JP e terminatori linea CAN
5	15/06/12	Aggiunta specifica tipo pin connettori
6	18/06/12	Eliminati cavi e aggiunta meccanica cassetta
7	06/07/12	Aggiunta specifica tipo connettore lato CAN
8	24/02/21	Modificato layout disegno
9	06/06/24	Inserita tabella "Dip Switch (S1) Settings"
10	06/11/26	Inserita tabella "CAN Bus Function" e nota "Per alimentare il convertitore utilizzare il connettore CAN Bus 1 (PORT) e CAN Bus 2 (STBD)"

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J1939 NMEA2000 Converter

Number	Product code	Unit	Sheet	Size
D111014	*UNS20100*	*mm*	*1/1*	*A3*

Compiled	Checked	Approved:
Silvestri M.	*Manuelli M.*	*Manuelli M.*