



Case: CON70911

Deutsch Connectors:

"A" DTM06-12SA (CON70389) + WM-12S (CON70391) + 12x0462-201-20141 (CON70216/5)
 "B" DTM06-12SB (CON70390) + WM-12S (CON70391) + 12x0462-201-20141 (CON70216/5)

Deutsch Accessories:

Pin Extractor: SRK-RT-01
 Crimping Tool: HDT-48-00

External connections

Connector "A" (DTM06-12SA - Grey)

- 1: Power supply engine 1 (12...24Vdc)
- 2: GND
- 3: Digital input 1 (ON/OFF)
- 4: Digital input 2 (ON/OFF)
- 5: Key on engine 1 (ON/OFF)
- 6: Analog input 1 (4...20mA)
- 7: Analog input 2 (4...20mA)
- 8: CAN J1939 (CAN-H)
- 9: CAN J1939 (CAN-L)
- 10: CAN J1939 (CAN-GND)
- 11: RS232 TX
- 12: Transistor Output 2

Connector "B" (DTM06-12SB - Black)

- 1: Power supply engine 2 (12...24V)
- 2: GND
- 3: Frequency input 1 (W alternator)
- 4: Frequency input 2 (W alternator)
- 5: Key on engine 2 (ON/OFF)
- 6: Transistor Output 1
- 7: Analog input 1 (0...1000Ω)
- 8: Analog input 2 (0...1000Ω)
- 9: Analog input 3 (0...1000Ω)
- 10: Analog input 4 (0...1000Ω)
- 11: Analog input 5 (0...1000Ω)
- 12: Analog input 6 (0...1000Ω)

Dip	Function
1	Reserved
2	Reserved
3	Reserved
4	Reserved
5	Reserved
6	ID
7	ID
8	ID

INTERNAL DIAGNOSTIC LED:

- Led 1 (green): 5V/P - ON => OK
 Led 2 (green): 3V3P - ON => OK
 Led 3 (green): CPU - If Main Running => blinking with T_On=1s + T_Off=1s. Otherwise failure => ON (and also during the PowerOn) or OFF.
 Led 4 (green): FAULT - ON => Cumulative Fault
 Led 5 (green): CanBus Status - ON: message transmission or reception.

Personalizzazione ST di default:

Dip 1 = OFF
 Dip 2 = OFF
 Dip 3 = OFF
 Dip 4 = OFF
 Dip 5 = OFF
 Dip 6 = OFF
 Dip 7 = OFF
 Dip 8 = OFF

Dip-Switch selection for "ID"			
8	OFF	7	OFF
6	OFF	6	OFF
1h	ON	1h	ON
...
ON	ON	ON	ON
7h	ON	7h	ON

Rev.	Date:	Description of changes:
0	04/12/14	Prima emissione
1	01/04/15	Aggiunto codice scatola contenimento convertitore
2	03/03/16	Modificati collegamenti

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Tel. 010-8301222 - www.sangiorgioseln.com		D141205	1/1 03/03/16	A4
Wiring diagram Can Bus J-1939 Converter - UNS12200		Completed:	Checked:	Approved:
		Garsi P.	Casaretto G.	Manueli M.

Se non diversamente specificato, tutte le dimensioni sono da intendersi in mm e le tolleranze delle quote ±0,1mm