

CAN TPL4

CAN-BUS / 4X TEMPERATURE / DM1

This converter can be used in commercial vehicles and mobile machinery:

- Obtains information on ambient air temperature
- Measures up to 4 temperatures on separate channels
- Facilitates implementation of on-board DM1 diagnostics according to SAE J1939.
- All settings, monitoring (diagnostics) and firmware updates for the module itself can be made via a user-friendly application



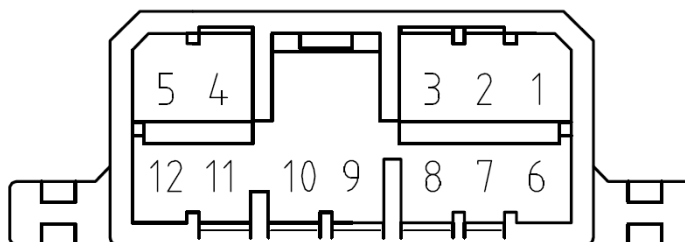
The temperature measurement period is once per second.

The Diagnostic Trouble Codes (DTC) are stored in the converter memory for all DM1 diagnostic messages (single and multi-packet messages). In the periodic "single" message, information is sent on the status of the diagnostic control lights for the most important systems and one selected DTC Trouble code. The user message can be used to switch the transmission of other current Trouble codes.

Product name	CAN_TPL4
Applications	Buses, trucks, mobile machinery
Environment	Operating temperature range: -30 - +85°C Relative humidity up to 90% Electronics box IP 42, temperature sensor IP67 Resistance to vibration 5 g (as per ČSN 30 4002, tab. 7)
Power supply	+8 – +32 V DC
CAN-bus	SAEJ1939 (250 kbps), If CAN-bus communication is interrupted for 5 s, the converter will reset itself
Indicators	2 blinking system LEDs
Housing	Plastic box Multilock 70 plug (connector 173851-1). Multilock receptacle (173631-1).
Related products	CAN-bus converter/outputs, KIBES

PINOUT

Pin	Description	Pin	Description
1	CAN H	7	WIRE #4 – GND
2	WIRE #4 – DATA	8	WIRE #2 – GND
3	WIRE #2 – DATA	9	POWER 10-30V
4	WIRE #3 – DATA	10	POWER GND
5	WIRE #1 – DATA	11	WIRE #3 – GND
6	CAN L	12	WIRE #1 – GND



DIMENSIONS

