

# TY-CAN

- ▶ CAN interface module
- ▶ Isolated high-speed CAN 2.0B
- ▶ Up to 1 Mbit/s with programmable termination
- ▶ Supports OBDII, J1939, CAN output



## Module specifications

TY-CAN specifications	
Input channels	4 with D-SUB-9 connector (TY-CAN-4-D)
Specification	CAN 2.0B
Physical layer	High-speed, (low speed and single wire with optional converter)
Listen only mode	Supported
Termination	Programmable: High Impedance or 120 $\Omega$
Isolation voltage	500 V <sub>DC</sub>
Bus pin fault protection	$\pm 36$ V <sub>DC</sub>
ESD protection	12 kV (HBM)
CAN transceiver	SNHVD235
Sensor power supply (per module)	5 V (600 mA) and 12 V (600 mA)
Typical power consumption without sensor/CPAD supply	5 W

Tab. 76: Module specifications