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VALID GATEWAY MODULE

RUGGED, CYBERSECURE J1939 GATEWAY FOR HEAVY-DUTY VEHICLES

Valid's Gateway Module ensures J1939 network security from potentially harmful messages transmitted through the diagnostic port.

Features

- Provides cybersecurity by isolating the diagnostics port from the vehicle's J1939 network
- Blocks unauthorized messages (extended and standard headers) from the diagnostics port to the vehicle network via a customizable blacklist
- Allows only approved messages (extended and standard headers) from the diagnostics port using a secure whitelist
- Transparently passes all messages from the vehicle network to the diagnostics port

Specifications

- Operational voltage range: 8-28VDC
- Operational current: 70mA
- Operational temperature range: -40 to 85°C
- IP rating: IP68 (Deutsch case)
- Diagnostics port: 500K CAN or 250K CAN
- Vehicle J1939 port: 500K CAN
- Preferred source address: 230 (0xE6)
- DTM series connectors:
 - » DTM06-12SA, diagnostics CAN port
 - » DTM06-12SB, vehicle J1939 network
 - » Power can be supplied to either connector
- Power-on time: 425ms

