G5 CAN receiver

Purpose-built CAN receiver for master-controlled equipment

Technical information about G5 CAN

- **Platform:** G5
- **Dimensions:** (W×H×D) 110 × 140 × 157 mm / ~ 4.33 × 5.51 × 6.18 in (including antenna)
- **Weight:** 1.2 kg / 2.65 lbs
- **Power supply:** 12 or 24 VDC (Absolute maximum ratings 9-36 VDC)
- **IP-class:** IP67
- **Cable interface:** M12 connectors
- **Cable lenght:** 0.3 m or 3 m (0.98 ft or 9.84 ft)
- **Current consumption:**
  Idle: 65 mA (at 24 V)
  Operational: 100 mA + External loads in operation (at 24 V)
- **Dump valve output:** Short circuit proof, overload protected, max. 2.7 Ampere load.
  DV1 (not used)
  DV2 is active when radio/cable link is active.
- **Safety loops:** Feed loop-in with power supply. Once radio/cable link established, loop-out goes high. Short circuit proof. Max 2.7 Ampere load.
- **CAN bus:** CANopen
- **Radio frequency:** 2.4 GHz
- **Ambient temperature:** -25 °C to +70 °C / -13 °F to +158 °F

The G5 CAN receiver is purpose-built for Pocket and Rocket transmitters, designed for equipment that already features a master controller and focusing on a single, dependable CAN interface. Delivered with CANopen by default, it also supports essential stop functions for Rocket and offers straightforward safety loops (Rocket). Using a robust 2.4 GHz frequency-hopping radio, it ensures reliable connectivity across varied regions. When you need a streamlined approach without sacrificing reliability, G5 CAN fits the bill.

Why choose G5 CAN?

Master controller friendly

This receiver works seamlessly with an existing PLC or on-board controller.

Additional safety loops

Hardwired stop signals and dual loops help maintain high levels of functional safety when paired with the Rocket transmitter.

Time-saving installation

Pre-labeled terminals, a potted enclosure, and pre-configured CANopen simplify installation, letting machine builders go to market faster.

Global market access

Takes advantage of 2.4 GHz communications to handle broad geographic markets and reduce frequency interference.