

G5 Receiver CAN

Product description

The G5 CAN Receiver is streamlined for all applications that only require a CAN interface. This is the perfect solution if a master controller is already present on the machine. As standard the Receiver is delivered with the CANopen protocol. In addition to the CAN interface, the Receiver is equipped with hardwired signals for the stop function.

- Receiver for Pocket or Rocket Transmitters.
- 9-36 VDC Power supply.
- One digital output (DV2) active when system is operational.
- CAN open interface.
- Radio communication at 2.4 GHz using frequency jumping technology.
- 2 safety loop outputs.

Illustration

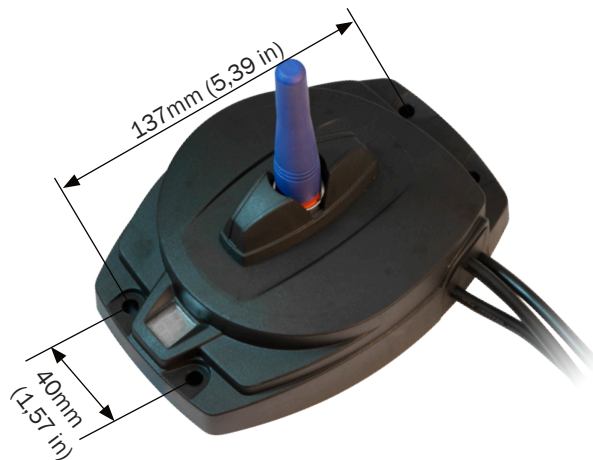


Technical data

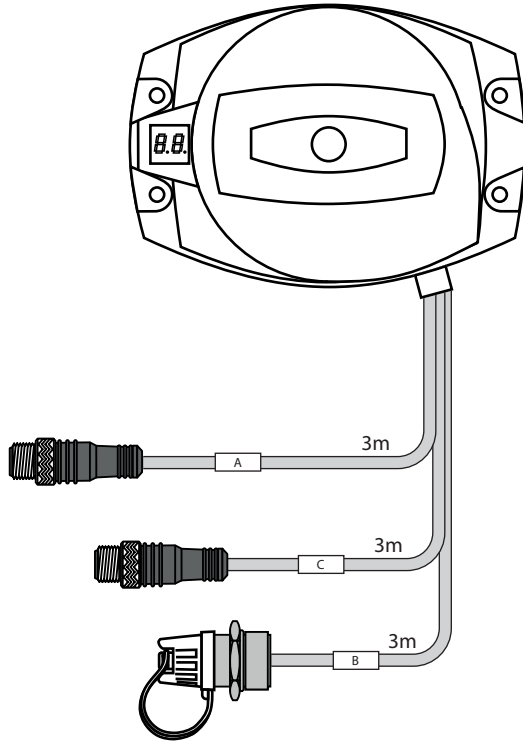
Platform	G5
Power Supply	9-36 VDC
IP-Class	IP67
Cable interface	M12 connectors, see specification on next page
Current consumption	Idle: 65 mA (at 24V) Operational: 100 mA + External loads in operation (at 24V)
Digital Output	Short circuit proof, overload protected, max. 2,7 Ampere load DV2 is active when radio/cable link is active. (DV1 is not used)
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	CAN Open
Radio Module	TR05 Integrated duplex radio ISM-band, R&TTE, FCC and IC approved
Ambient Temperature	-25°C to +70°C ~ -15°F to +160°F

Dimensions

WxHxD	110 x 140 x 157 mm (incl. antenna)	~ 4.33 x 5.51 x 6.18 in (incl. antenna)
Weight	1.2 kg	~ 2.6 lbs
Cable Lengths (A, B, C)	3 meters	~ 10 ft



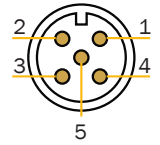
Pin assignments



Cable A

Connection	
Pin no.	Colour /Function
1	Brown / Not used
2	White / Power supply + 12/24VDC
3	Blue / GND / CAN_GND
4	Black / CAN_HIGH
5	Grey / CAN_LOW

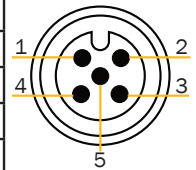
5-pole male
M12 connector



Cable B

Connection	
Pin no.	Colour /Function
1	Brown / Not used
2	White / GND
3	Blue / RS 232 TX
4	Black / RS 232 RX
5	Grey / Not used

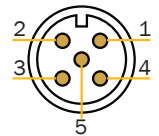
5-pole female
M12 connector



Cable C

Connection	
Pin no.	Colour /Function
1	Brown / DV2+
2	White / LOOP1_OUT
3	Blue / LOOP1_IN
4	Black / LOOP2_OUT
5	Grey / LOOP2_IN

5-pole male
M12 connector



Order information

Part number	Configuration
1618	Delivered with default program settings

If software required please state application file on the order. For instance 1618p1252.