

# **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 Am DV2 is active when radio/cable link is active. (DV1 is not used)	ipere load
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, F	CC and IC approved
Ambient Temperature	-25°C to +70°C ~ -15°F t	to +160°F

Cable Lengths (A, B, C)	3 meters	~ 10 ft
	137mm (5.39 in)	
	137111	

110 x 140 x 157 mm (incl. antenna)

1.2 kg

~ 4.33 x 5.51 x 6.18 in (incl. antenna)

~ 2.6 lbs

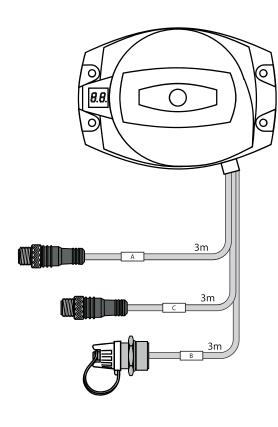
Dimensions

WxHxD

Weight



# Pin assignments



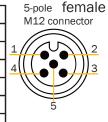
#### Cable A

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



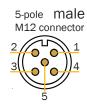
#### Cable B

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



#### 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



# Order information

Part number Configuration

1618 Delivered with default program settings

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