

G2B Receiver SCP

Product description

- Receiver for the Maxi or Mini Transmitters.
- 12 or 24 VDC supply.
- Radio or cable control option.
- 8 bi-directional proportional PWM outputs.
- All analogue outputs are programmable for final adjustment of speeds.
- One analogue 0-10 VDC output, can be adjusted to start and stop between any value between 0 and 10V.
- One DV-output for control of dump valve.
- 14 digital outputs (where 1 is combined input/output)
- 4 digital inputs (where 1 is combined input/output)
- CANopen interface.
- Radio communication at ISM-band using frequency jumping technology.
- Programmable logic offering block-, hold-, speed reduction-, ramp functions and many more.
- Note that cable kits or terminal connector kits are NOT included in delivery they need to be ordered separately if required.

Illustration

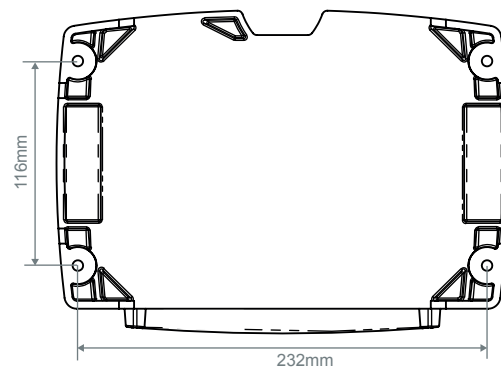
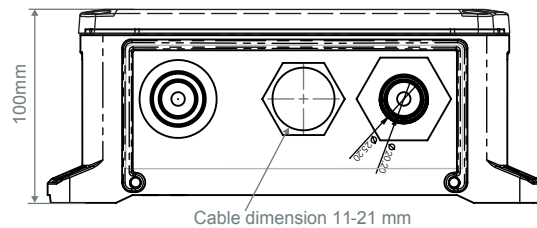
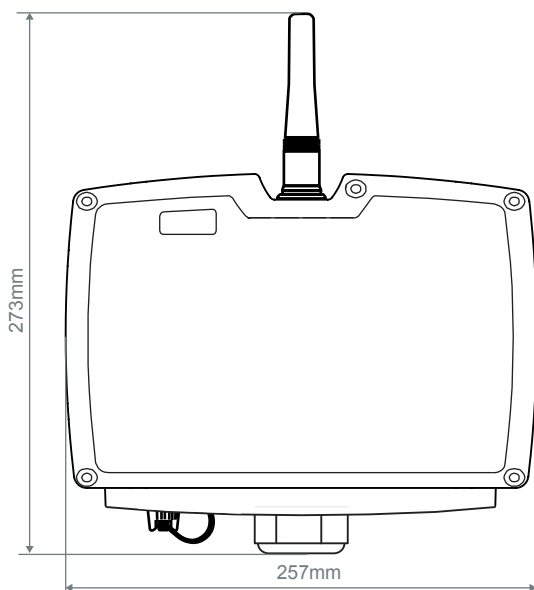


Technical data

Platform	G2B	
Power Supply	12 or 24 VDC	
IP-Class	IP65	
Cable Interface	Terminal Connectors	
Fuse	Internal; 10 Ampere	
Overload Protection	Yes, maximum 33 VDC (Fuse blows)	
Current consumption	40 mA (idle) 60 mA + External loads in operation	
Analog Outputs	8 bi-directional PWM outputs (totally 16 outputs interlocked/paired) Programmable output current range 100 – 2500 mA Programmable dither frequency Short circuit proof, overload protected, max 2 Ampere load One analog 0-10 VDC output, adjustable with software.	
Digital Outputs	14 digital outputs available (where 1 is combined input/output) Short circuit proof, overload protected, max. 1.8 Ampere load/output	
Dump Valve Output	Short circuit proof, overload protected, max. 2 Ampere load	
Digital Inputs	4 digital inputs available (where 1 is combined input/output)	
CAN Bus	CAN Open	
Cable gland dimension	11 - 21 mm	~ 0,43 - 0,83 in
Radio Module	TR02 RC400 Integrated duplex radio ISM-band, R&TTE approved TR02 RC917 Integrated duplex radio ISM-band, FCC/IC approved	
Ambient Temperature	-25°C to +70°C	~ -15°F to +160°F

Dimensions

WxHxD	257 x 273 x 100 mm	~ 10,1 x 10,7 x 3,9 in
Weight	2 kg	~ 4,41 lbs



Pin assignments

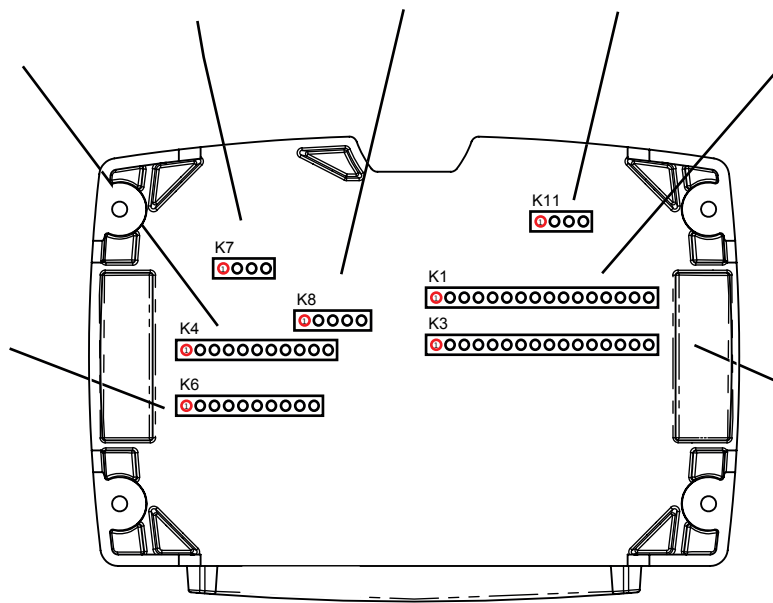
K4:1	Out1
K4:2	Out2
K4:3	Out3
K4:4	Out4
K4:5	Out5
K4:6	Out6
K4:7	GND
K4:8	Din1
K4:9	Din2
K4:10	Din3
K4:11	+Vdc out

K6:1	Out7
K6:2	Out8
K6:3	Out9
K6:4	Out10
K6:5	GND
K6:6	Out11
K6:7	Out12
K6:8	Out13/Din4
K6:9	Out14
K6:10	GND

K7:1	+VDC
K7:2	GND
K7:3	DV+
K7:4	DV GND

K8:1	CAN-H
K8:2	CAN-L
K8:3	GND
K8:4	CAN-H
K8:5	CAN-L

K11:1	0-10VDC
K11:2	GND
K11:3	Not used
K11:4	Not used



K1:1	1A PWM +
K1:2	GND
K1:3	1B PWM +
K1:4	GND
K1:5	2A PWM +
K1:6	GND
K1:7	2B PWM +
K1:8	GND
K1:9	3A PWM +
K1:10	GND
K1:11	3B PWM +
K1:12	GND
K1:13	4A PWM +
K1:14	GND
K1:15	4B PWM +
K1:16	GND

K3:1	5A PWM +
K3:2	GND
K3:3	5B PWM +
K3:4	GND
K3:5	6A PWM +
K3:6	GND
K3:7	6B PWM +
K3:8	GND
K3:9	7A PWM +
K3:10	GND
K3:11	7B PWM +
K3:12	GND
K3:13	8A PWM +
K3:14	GND
K3:15	8B PWM +
K3:16	GND

Order information

Part number	Frequency	Configuration
3200	433-434 MHz (Europe)	Delivered with default program settings
3201	902-928 MHz (US)	Delivered with default program settings

If software required please state application file on the order. For instance 3200p1252 or 3201ou1356.