

G2B Receiver Danfoss

Product description

- Receiver for the Maxi or Mini Transmitters.
- 12 or 24 VDC supply.
- Radio or cable control option.
- 8 bi-directional voltage regulated outputs for Danfoss PVG-32 valves.
- All analogue outputs are programmable for final adjustment of speeds.
- 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).
- CAN open interface.
- Radio communication at ISM-band using frequency jumping technology.
- Manual mode available for by-pass of radio system supplying only the DV-output allowing manual control via hydraulic distributor (where available).
- 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

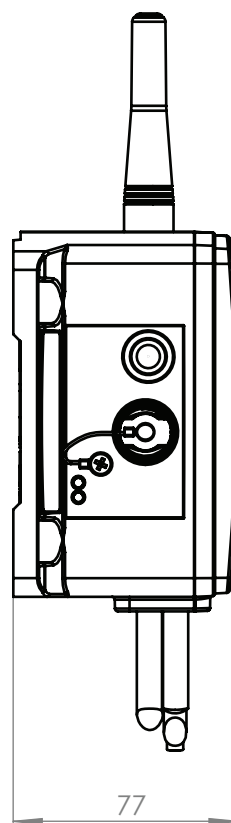
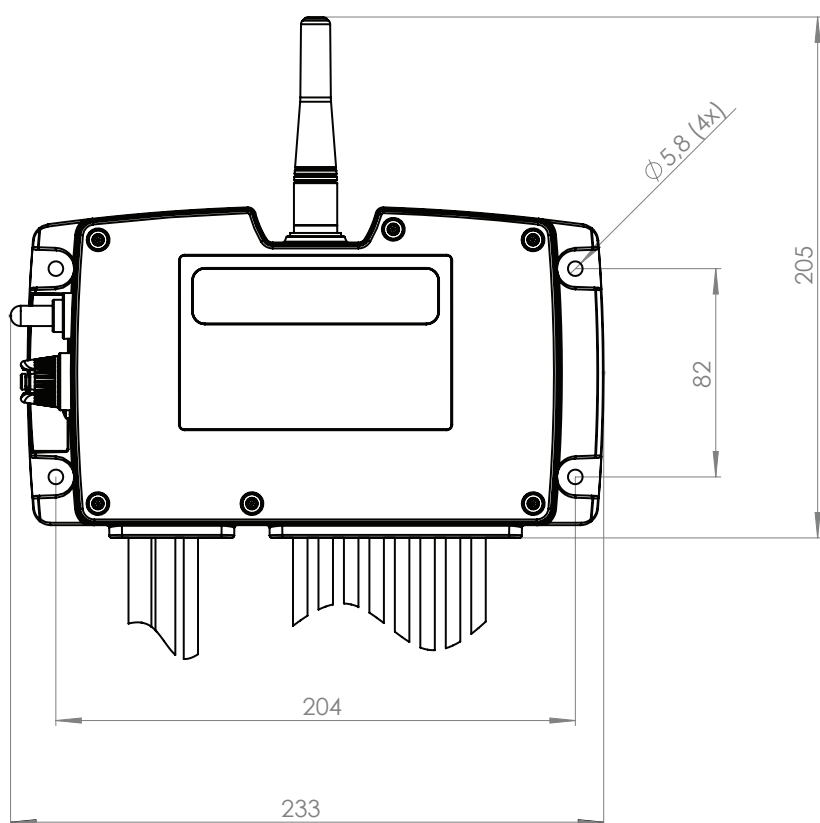


Technical data

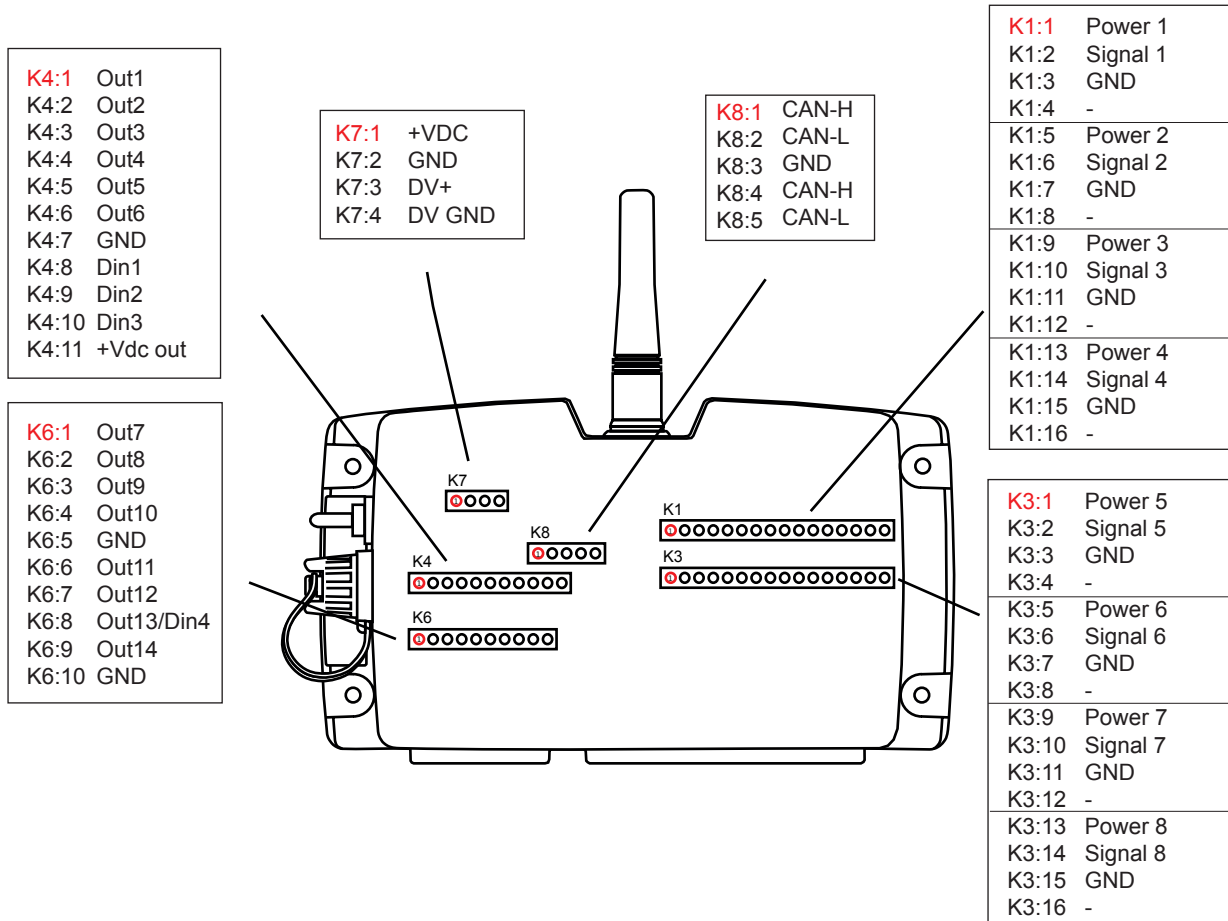
Platform	G2B
Power Supply	12 or 24 VDC
IP-Class	IP65
Cable Interface	Terminal Connectors
Fuse	Internal; 10 Ampere
Overload Protection	Yes, maximum 33 VDC (Fuse blows)
Current consumption	40 mA (idle) 60 mA + External loads in operation
Analog Outputs	8 bi-directional outputs for Danfoss PVG-32 module Short circuit proof, overload protected, max 0.5 Ampere load/output.
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
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	233 x 205 x 77 mm (incl. antenna)	~ 9,17 x 8,07 x 3,03 in (incl. antenna)
Weight	1,20 kg	~ 2,6 lbs.



Pin assignments



Order information

Part number	Frequency	Configuration
2010	433 MHz (Europe)	Delivered with default program settings
2011	915 MHz (US)	Delivered with default program settings

If software required please state application file on the order. For instance 2010p1252 or 2011ou1356.