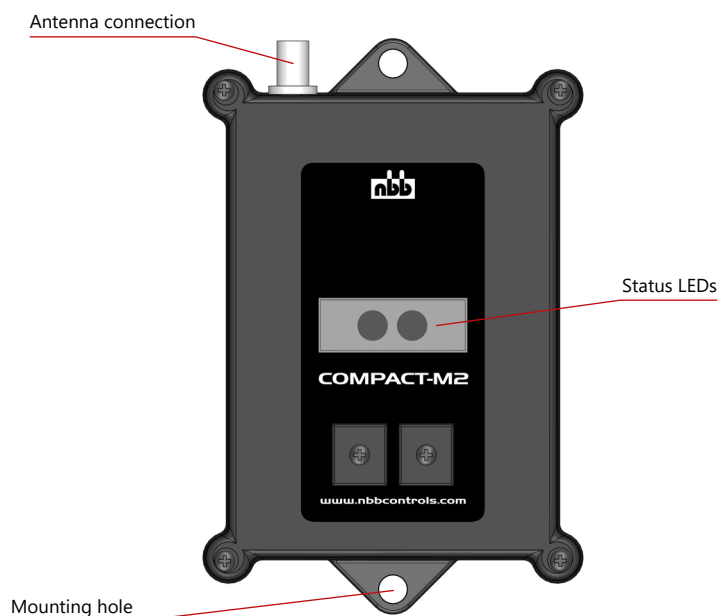## Receiver Compact-M2 R20

Easy
Movement

The Compact-M2 R20 is perfect for complex applications due to its versatile outputs.

– Robust housing made of glass-fibre reinforced PC/PBT-Blend
– Interfaces: RS232 or RS485, 2 x CAN-Bus
– CAN protocols: CANopen, SAE J1939, CAN 2.0 A/B

Technical Data

Receive frequency range	429 MHz / 434 MHz / 868 MHz / 915 MHz / 2.4 GHz (depending on customer requirements and country-specific regulations)
Typical response time of the control commands	Approx. 50 ms
Active/passive	2 s
Data security	Addressing of each receiver (transmitter) by unique bit coding
Safety level	Emergency stop output: PL d (possible: 2 x NO, 1 x NC)
Current load emegency stop	Max. 4 A
Contact load outputs	Max. 6 A
Programmable outputs	– 12 PWM solid-state relays – 8 digital solid-state relays – 8 analog (Danfoss PVG32 or ±10 VDC)
Digital inputs	2 (5–30 VDC)
Analog inputs	–
Power supply	8–36 VDC
Max. power consumption (average, depending on the output unit)	12.0 VDC: < 4.0 VA 24.0 VDC: < 3.0 VA
Antenna	Extern: BNC (SubGHz), RPSMA (2.4 GHz)
Protection class	IP65
Ambient operating temperature	-20 °C to +70 °C
Weight (without antenna)	Approx. 800 g
Measurements (L x B x H)	172.5 mm x 114 mm x 66.5 mm

Antenna connection

Status LEDs

COMPACT-M2

www.nbbcontrols.com

Mounting hole

Dimension drawing

Ø 8.5

172.5
157.5
140

100
114

60

66.5

Measurements in mm

Status 06/23 · Subject to technical changes.