CVC600 VEHICLE CONTROLLER

SMALL ENOUGH TO MAKE A BIG DIFFERENCE
To gain space without losing performance, you have to pack things smarter. Which is exactly what we have done with the CVC600 (Compact Vehicle Controller). Its compact design makes it ideal for the automation of standard lift trucks, which have little free space for new components. Naturally, a compact controller is also beneficial in specialized AGVs.

CVC600 has a rugged design, allowing it to withstand vibrations, unstable power supply, temperature variations, humidity and dust. It is, of course, IP65 classified. What’s more, CVC600 is based on standard technology and can handle any navigation technology, vehicle type and wheel configuration.

This brochure gives you a glimpse of the big benefits of using our small controller. Don’t hesitate to contact us for more information or to book a meeting.
Life size (1:1)

Big enough to perform, small enough to fit into limited spaces in automated standard lift trucks and specialized AGVs.
Compact
Only 125 x 50 x 195 mm (width x height x depth).

Easy to customize
Open architecture and programmable.

Energy efficient
Maximum 5 W with no external USB.

All navigation technologies
Laser, spot, natural, magnetic tape, inductive wire.

Wide operating voltage
From 24 to 48 V with built-in under voltage, over voltage and reverse polarity protection.

Communication
WLAN, LAN, CAN, RS232/422/485.

Robust
Withstands vibrations, temperature variations, humidity and dust. IP65 classification.

General data
Temperature, operation: 20 to +50°C
Temperature, storage: 20 to +70°C
Protection class: IP65
Supply voltage, nominal: 24 to 48 V
Supply voltage, min/max: 16.8/72 V
Analog inputs: 11 (0.2–11.0 V)
Digital inputs: 12 (6 as encoder inputs)
Outputs: 16, max 1.5/3 A continuous

Compact

Wide operating voltage

General data

Communication

Robust

Easy to customize

Energy efficient
In real life

CVC600 thrives in tough conditions.
Don’t try this at home

When you choose CVC600 you tap into an ocean of knowledge. The controller is part of the generic and complete AGV controls platform from Kollmorgen. This platform is application independent, scalable and easy to integrate with host systems and material handling systems.

Kollmorgen has a long and successful history in the field of AGV controls platforms, and we are the undisputed world market leader. We support you with all the software, hardware and services you need for successful vehicle automation. The result is lower total costs—for you and your customers.