



CVC700 VEHICLE CONTROLLER

SMALL ENOUGH
TO MAKE A
BIG DIFFERENCE

KOLLMORGEN

When you
just don't
have the
space

To gain space without losing performance, you have to pack things smarter. Which is exactly what you can find in the CVC700 (Compact Vehicle Controller). Its compact design makes it ideal for the automation of standard lift trucks and mobile robots, which have little free space for new components. Naturally, a compact controller is also beneficial in specialized AGVs.

CVC700 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, CVC700 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.

All navigation technologies

Reflector, natural, spot, barcode, magnetic tape, inductive wire

Communication

Wi-Fi, Bluetooth, CAN (x3), LAN (x2), RS232/422/485.

Robust

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

Energy efficient

Maximum 6 W with no external USB.

Wide operating voltage

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

General data

Temperature, operation: -30 to +55°C

Temperature, storage: -40 to +70°C

Protection class: IP65

Supply voltage, nominal: 24 to 48 V

Supply voltage, min/max: 16.8/70 V

Analog inputs: 11 (0.2–11.0 V)

Digital inputs: 12 (6 as encoder inputs)

Outputs: 16, max 1.5/3 A continuous



In real life

CVC700 thrives in tough conditions.



When you choose CVC700 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.



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