

FLEX CONTROL

Modular Control System

Vers. 1.00 | Copyright © 2025 PSRIG



psrig.com/flexcontrol



FlexControl introduction



Our self-developed control system, FlexControl, has been a cornerstone of our projects across Sweden for several years. Designed specifically for fixed installations and small to medium size projects, this modular system offers exceptional flexibility and scalability. It ensures precise and efficient management of both positioning and load handling, delivering reliable performance in all conditions.

For our new version 1.2, we have dedicated significant time and resources to refining our custom software, integrating a highly functional, intuitive, and user-friendly interface — all within a compact form factor.



The smaller FlexControl panel supports up to 24 channels, 6 locked groups, 6 configurable groups, group load management, and operation with dual-speed hoists. The system also handles slack rope detection and comes with physical controls for direction as well as GO and E-STOP buttons.

A larger FlexControl panel, featuring a similar design and specification, is currently under development. This version will however support up to 96 channels, offer enhanced group functionality, and include assignable physical shortcut buttons. Availability is projected for the end of 2025.



FlexControl component overview

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FLEXCONTROL BASE UNIT (BU)

For power, control and safety.
Power cable: 2 m, 3x400V 32A with 5p red CEE connector.
Slack rope function.
Compatible with dual-speed hoists.
Key switch for backup drive.
Up to 8 ch simultaneously enabled.
Backup instructions on panel.

500-239120



FLEXCONTROL CHANNEL UNIT (CU)

4 channels per unit.
Slack rope function.
Compatible with dual-speed hoists.
4x10p Harting for cabinet side.
13A per 2 channel (1+2 - 3+4).

500-239130



FLEXCONTROL REMOTE (TR)

7" capacitive LCD touchscreen (800x480 pixels, 86x154 mm) with multi-touch and anti-glare finish.
Physical DIRECTIONAL switch as well as GO and E-STOP buttons.
Supports real time positioning and load monitoring.
Compatible with dual-speed hoists.

500-239200

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