

# C300/0010/STD

## C300 universal process controller

The C300/0010/STD is an ABB C300 universal process controller. It measures temperature, pressure, flow, level or other configured process variables and executes single-loop PID control.

|                     |                                   |
|---------------------|-----------------------------------|
| Manufacturer        | ABB / Elsag Bailey                |
| Complete model      | C300/0010/STD                     |
| Product description | C300 universal process controller |
| Prepared by         | Apter Power                       |
| Document ID         | AP-ABB-C300/0010/STD-PR-R1        |
| Revision / issue    | R1 / 2026-08-26                   |

### APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

**Three interface paths, one controlled configuration.**

|                  |                        |
|------------------|------------------------|
| WHATSAPP / PHONE | +86 180 3023 5313      |
| EMAIL            | sales13@apterpower.com |
| WEBSITE          | www.apterpower.com     |



SCAN FOR PRODUCT &  
QUOTE

C300/0010/STD

# 1. Product overview and identity

The C300/0010/STD is an ABB C300 universal process controller. It measures temperature, pressure, flow, level or other configured process variables and executes single-loop PID control.

## System function

Measures temperature, pressure, flow, level or other configured process variables and executes single-loop PID control.

## Verified technical information

| Parameter                    | Verified value                                                                                                         |
|------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Manufacturer                 | ABB                                                                                                                    |
| Complete model               | C300/0010/STD                                                                                                          |
| Verified product description | C300 universal process controller                                                                                      |
| System function              | measures temperature, pressure, flow, level or other configured process variables and executes single-loop PID control |
| Direct field signals         | See exact manufacturer manual and installed-system drawings                                                            |
| Revision / option status     | Verify complete physical nameplate                                                                                     |
| Unpublished values           | Not inferred                                                                                                           |

## 2. Integration and verification

### Signals and data handled

Signal types and electrical ratings are defined by the cited manufacturer document and the installed-system configuration. Values not stated for this exact complete identifier are intentionally omitted.

### Companion components

Use only the controller, rack, terminal unit, cable, sensor, actuator or power components explicitly documented for the installed ABB system and revision.

### Common industrial applications

Industrial automation, process control, machinery, utilities or robotics installations using the named ABB product family; exact use depends on the approved system design.

### Product precautions

- Match the complete model, order code, revision and physical construction before installation or replacement.
- Use only the electrical ratings, wiring and environmental limits stated in the applicable ABB document.
- Record the existing configuration and test every affected signal, communication path and safety function before release.

### Manufacturer source PDFs

| Manufacturer document                                | Direct PDF                               |
|------------------------------------------------------|------------------------------------------|
| ABB manufacturer document / product-family reference | <a href="#">Open PDF in a new window</a> |

Only information traceable to the cited ABB/Elsag Bailey documents is stated. Missing values are intentionally not inferred. Confirm the complete nameplate, revision, approvals, wiring and current manufacturer instructions before installation or replacement.