ABB V18345-1010261001

Digital Positioner / Product dashboard

This consolidated record joins ABB V18345-1010261001 identity, technical limits, applications, precautions and release evidence on one review surface.

IDENTITY

ABB V18345-1010261001

PRODUCT ROLE

Digital Positioner

PLATFORM

TZIDC Digital Positioner

CONTROL BASIS

Exact evidence plus installed-system record

Base model	V18345 TZIDC
Case / mounting	Varnished aluminium; linear or rotary actuator mounting
Input	4-20 mA two-wire with LCI connector
Communication	HART
Explosion-protection selection	Without explosion protection
Pneumatic output	Single acting

The dashboard places V18345-1010261001 identity, operating role and maintenance boundaries in one review surface for the TZIDC Digital Positioner installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

ABB V18345-1010261001

Digital Positioner / Technical matrix

Base model	V18345 TZIDC
Case / mounting	Varnished aluminium; linear or rotary actuator mounting
Input	4-20 mA two-wire with LCI connector
Communication	HART
Explosion-protection selection	Without explosion protection
Pneumatic output	Single acting
Failure behavior	Fail freeze
Cable thread	M20 x 1.5
Air-pipe thread	G 1/4
Feedback option	Plug-in analog feedback, 4-20 mA two-wire
Mechanical attachment kit	Without
Design	Standard

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

ABB TZIDC Digital Positioner Data Sheet

REVISION NOTE

DS/TZIDC-EN Rev. I, exact V18345 ordering code

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Digital Positioner / Application architecture

Linear control valves

Mounts laterally according to DIN/IEC 534 and NAMUR arrangements.

Rotary control valves

Supports the documented VDI/VDE 3845 rotary mounting form.

Single-acting actuator control

Positions a pneumatic actuator while retaining fail-freeze behavior.

Valve-position feedback

Returns a separate 4-20 mA position signal through the selected module.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the TZIDC Digital Positioner context, V18345-1010261001 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

ABB V18345-1010261001

Digital Positioner / Risk and decision register

PRIMARY RISK

A mismatch between the V18345-1010261001 label and the installed digital positioner record.

CONFIGURATION RISK

Loss of the V18345-1010261001 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another TZIDC Digital Positioner item as automatically equivalent to V18345-1010261001.

RELEASE RISK

Returning V18345-1010261001 to control before diagnostics and functional response are witnessed.

Decision register

Which product family contains ABB V18345-1010261001?

It is an ABB TZIDC digital positioner.

Which pneumatic action applies to ABB V18345-1010261001?

The selected execution is single acting with fail-freeze behavior.

Which feedback module is included with ABB V18345-1010261001?

The order code selects plug-in two-wire analog position feedback with a 4-20 mA signal.

Which actuator mounting forms apply to ABB V18345-1010261001?

Its aluminium case supports documented linear DIN/IEC 534/NAMUR or rotary VDI/VDE 3845 mounting.

Which input signal is selected for ABB V18345-1010261001?

The order code selects a 4-20 mA two-wire setpoint input with LCI connection and HART communication.

Which cable and air threads are selected for ABB V18345-1010261001?

It uses an M20 x 1.5 cable thread and a G 1/4 air-pipe thread.

Is explosion protection selected for ABB V18345-1010261001?

No. The relevant order-code position specifies the execution without explosion protection.

What completes commissioning of ABB V18345-1010261001?

Verify automatic adjustment, full actuator travel, setpoint response, HART access, fail-freeze behavior and analog feedback.

Decision closeout

Approve the V18345-1010261001 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

ABB V18345-1010261001

Digital Positioner / Canonical record and support

Canonical identity	ABB V18345-1010261001
Product name	Digital Positioner
Family	TZIDC Digital Positioner
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

ABB 1SDA083360R1	View ABB 1SDA083360R1 page
ABB 3BHE022291R0101 PCD230 A101	View ABB 3BHE022291R0101 PCD230 A101 page

MANUFACTURER EVIDENCE RECORD

ABB TZIDC Digital Positioner Data Sheet

DS/TZIDC-EN Rev. I, exact V18345 ordering code

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Send the exact model, quantity, destination and requested condition for a quotation.