Foxboro P0903CW

Annunciator Keyboard / Exact identity and technical profile

This reference separates the exact published characteristics of Foxboro P0903CW from neighboring family variants and undocumented suffixes.

Part number	P0903CW
Product form	Serial/GCIO annunciator/numeric keyboard
Annunciator positions	32
Numeric keypad	16 keys
Indicator colors	Red, yellow, green or off
Indicator states	On, off or flashing

TECHNICAL MARKER

32 annunciator key positions

TECHNICAL MARKER

16-key numeric keypad

TECHNICAL MARKER

Serial / GCIO interface

TECHNICAL MARKER

Configurable red, yellow or green LEDs

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read P0903CW from the installed label and procurement record
Function evidence	Confirm the published annunciator keyboard role in the I/A Series Workstation Hardware system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept P0903CW only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented P0903CW position requires separate engineering approval.

Foxboro P0903CW

Annunciator Keyboard / Published characteristics

This matrix groups the published P0903CW characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact annunciator keyboard record.

Part number	P0903CW
Product form	Serial/GCIO annunciator/numeric keyboard
Annunciator positions	32
Numeric keypad	16 keys
Indicator colors	Red, yellow, green or off
Indicator states	On, off or flashing
Operator feedback	Tactile and audible
Supply	27.5 V DC +/-5% at input connector
Maximum consumption	6.0 W
Minimum consumption	3.0 W
Mounting	Free-standing, panel or workstation mounting
Communication	Serial / GCIO

INTERPRETATION

Use every P0903CW value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make P0903CW data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Foxboro suffix cannot fill a missing P0903CW parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Foxboro P0903CW

Annunciator Keyboard / System role and data flow

Process alarm annunciation

Presents configured alarm lamps and operator acknowledgement keys.

Numeric operator entry

Adds a dedicated 16-key pad beside annunciator functions.

Control-room workstation panels

Mounts within documented I/A Series operator furniture or panels.

Legacy keyboard replacement

Restores the exact serial/GCIO annunciator/numeric execution.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	P0903CW performs its published annunciator keyboard role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to P0903CW
Published action	The documented annunciator keyboard function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each P0903CW use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Foxboro P0903CW

Annunciator Keyboard / Engineering decisions

SUPPORTED IDENTITY

P0903CW

PUBLISHED FUNCTION

Annunciator Keyboard

SYSTEM CONTEXT

I/A Series Workstation Hardware

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

How many annunciator positions are provided by Foxboro P0903CW?

It has 32 indicator and switch pairs arranged as four rows of eight.

Which indicator colors can Foxboro P0903CW display?

Each configured LED can show red, yellow or green, or remain off.

Which supply is specified for Foxboro P0903CW?

It uses 27.5 V DC at the input connector with a tolerance of plus or minus five percent.

Where can Foxboro P0903CW be mounted?

It can be used free-standing or mounted in a panel or supported workstation arrangement.

Which additional keypad is included on Foxboro P0903CW?

The P0903CW includes a 16-key numeric keypad.

Which communication form is used by Foxboro P0903CW?

It is the serial/GCIO annunciator and numeric keyboard execution.

How does Foxboro P0903CW differ from P0903CV?

P0903CW includes the numeric keypad; P0903CV is the annunciator-only serial/GCIO model.

What proves commissioning of Foxboro P0903CW?

Exercise all annunciator and numeric keys, verify every configured LED state, and confirm audible and workstation responses.

Decision closeout

Close the P0903CW technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The P0903CW decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Foxboro P0903CW

Annunciator Keyboard / Evidence and support

Exact product	Foxboro P0903CW
Technical class	Annunciator Keyboard
Platform	I/A Series Workstation Hardware
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

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

Honeywell 51306975 175	View Honeywell 51306975 175 page
Honeywell 8C PAOHA1 51454469 275	View Honeywell 8C PAOHA1 51454469 275 page

MANUFACTURER EVIDENCE RECORD

Foxboro Annunciator Keyboard Product Specification

PSS 21H-4E1 B4

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