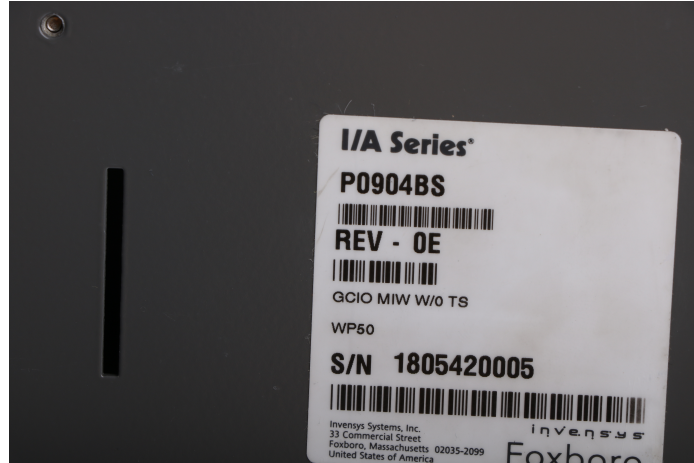


P0904BS / P0904BS-0E

Foxboro I/A Series embedded GCIO interface module without touchscreen



Product identity

Foxboro identifies P0904BS as a Graphics Controller Input/Output (GCIO) interface module without a touchscreen controller. The module is the embedded version used in a Modular Industrial Console (MIC), Modular Industrial Workstation (MIW), or Command Center with supported H92 workstation hardware.

Item	Verified information
Base model	P0904BS
Observed revision	REV 0E; use P0904BS-0E as a searchable revision form, not as a different base function.
Nameplate description	GCIO MIW W/O TS WP50
Primary function	Electrical interface for Foxboro GCIO-based annunciator and annunciator/numeric keyboards.
Mounting context	Embedded installation in MIC, MIW, or Command Center hardware.
User-measured logistics	4.3 x 20 x 40.5 cm; 2.74 kg.

H92 workstation integration

- P0904BS is listed by Foxboro among GCIO modules supported by the Model H92 workstation.
- The module is defined as the embedded, no-touchscreen GCIO option; P0904AK is the table-top no-touchscreen version.
- The GCIO connects to the workstation serial port assigned during the System Definition process.
- One GCIO module can service up to two GCIO-based annunciator or annunciator/numeric keyboards.

Connection references

Item	Verified information
Workstation-to-GCIO	P0971SU: 3 m (10 ft); P0971SV: 15 m (50 ft); P0971WZ: 30 m (100 ft).
Annunciator keyboard	P0903CV, with 48 LED/switch pairs in a 12-column by 4-row matrix.
Annunciator/numeric keyboard	P0903CW, with 32 LED/switch pairs, a 16-section numeric keypad, and one Num Lock LED.
Three or four keyboards	A second GCIO is required; Foxboro's dual arrangement also shows P0970HV and P0800MW interconnect cables.

Application boundary

P0904BS is a workstation-peripheral interface, not a field I/O module, PLC output card, or standalone graphics processor. Replacement planning should match the workstation generation, embedded console arrangement, configured GCIO port, keyboard type, cable set, and complete nameplate revision.

Procurement and service checks

- Keep both P0904BS and REV 0E / P0904BS-0E in the RFQ so the physical revision is not lost.
- Do not substitute P0904AK solely because it is also a no-touchscreen GCIO; Foxboro assigns it to a table-top installation.
- If touchscreen support is required, select the workstation-supported touchscreen GCIO variant rather than P0904BS.
- For three or four GCIO keyboards, verify the second module and documented interconnect cables before release.
- Confirm the System Definition port and the keyboard address settings before returning the workstation to service.

Evidence and limitations

Primary technical source: Invensys Foxboro, *Model H92 Workstation Setup*, document B0700EM, Revision B, pages 34-36. Exact-model evidence used here includes the P0904BS function, embedded mounting role, no-touchscreen designation, supported workstation, cable references, and keyboard capacity. REV 0E and the logistics measurements come from the supplied inventory nameplate and physical measurement. No unverified electrical ratings, certifications, or lifecycle dates have been added.

Supply support

Apter Power supports P0904BS exact-revision quotations, internal technical documentation, and workstation/peripheral matching guidance.

Prepared from the evidence available on 20 October 2026. Always verify the supplied unit and site documentation before installation.