# P0931RM

## Type 1 P/PVC Termination Cable

P0931RM is a Foxboro Type 1 P/PVC termination cable for a documented 200-series FBM-to-termination-assembly connection. Its role is the interconnecting cable, not an I/O module or terminal assembly.

### Identity and engineering context

The manufacturer lists a 2.0 m length for this order code. The Type 1 construction includes a polyurethane outer jacket and semi-rigid PVC insulation; cable selection must retain the specified termination arrangement and connector mapping.

## Technical capability map

### Cable type

Type 1 P/PVC

### Catalog length

2.0 m

### Outer jacket

Polyurethane

### Conductor insulation

Semi-rigid PVC

### Application

200-series FBM termination connection

### Successor reference

RH931RM in later Foxboro material

Before replacement, identify both mating devices and the existing routing path. A cable with a similar shape or length is not necessarily the same termination-cable type.

# P0931RM

## Applications and compatibility

### FBM-to-TA connection

Link a documented 200-series FBM to its compatible termination assembly.

### Cable replacement

Restore the same type and route when the installed interconnect is damaged.

### Cabinet service

Maintain connector identification and strain relief within the I/O enclosure.

### Fault isolation

Test continuity and seating when a field signal is lost between module and termination assembly.

## Engineering precautions

### 01 Match cable type

Confirm Type 1 P/PVC on the installed cable schedule.

### 02 Check both ends

Record connector and assembly markings before removal.

### 03 Protect the route

Avoid pinch points, sharp bends and unsuitable cable separation.

### 04 Inspect strain relief

Ensure connectors are secured without loading contacts.

### 05 Isolate affected I/O

Control process consequences before cable disconnection.

### 06 Verify points

Test each channel served by the replacement cable.

# P0931RM

## Service decisions and documentation

### What makes P0931RM different from P0931RQ?

P0931RM is documented as Type 1 P/PVC, while P0931RQ is Type 4 26 AWG P/PVC. Preserve the specified cable type for the installed FBM and termination assembly.

### How is a possible open conductor in P0931RM diagnosed?

Isolate the affected I/O, compare continuity and connector seating with the approved wiring schedule, then test the field point.

### What should be recorded before removing P0931RM?

Record both endpoint part numbers, connector orientation, route and affected channel list.

### Does RH931RM automatically fit in place of P0931RM?

Later Foxboro material lists it as a successor reference, but the installed mating hardware and cable route still require review.

### Does the 2.0 m catalog length of P0931RM permit arbitrary cabinet routing?

No. Maintain connector support, bend protection and the approved enclosure routing path.

### Can P0931RM substitute for any 200-series FBM cable?

No. The cable type and mating FBM/termination assembly must match the documented system arrangement.

### Why does P0931RM need a controlled return to service?

One cable can carry several I/O channels; verify every affected point and alarm after reconnection.

### What damage should be checked on P0931RM?

Inspect jacket cuts, crushing, connector latch wear, pin damage and strain-relief condition.

Technical basis: Foxboro PSS 21H-2Z22 B4.

## Related Foxboro service parts

- Foxboro FBM218 P0922VW
- Foxboro P0922AE
- Foxboro FBM1/37/43 P0400HH

## Technical enquiry

sales13@apterpower.com

+86 18030235313 | WhatsApp