# P0917MF

## Compression Termination Assembly

P0917MF is a compression termination assembly listed for the FBM207c contact-sense input arrangement. It forms the field-wiring interface rather than the I/O processing module.

### Identity and engineering context

The matched FBM207c system provides sixteen 48 V DC contact-sense channels. That channel and voltage description belongs to the paired module; the P0917MF assembly must be matched to its intended cable and terminal arrangement.

## Technical capability map

### Assembly role

Field-side compression termination

### Matched module

FBM207c contact-sense input

### Matched input count

16 channels on FBM207c

### Matched input type

48 V DC contact sense on FBM207c

### Connection style

Compression terminals

### Successor reference

RH917MG in later Foxboro material

During replacement, retain conductor identification and terminal order. Verify the complete assembly marking, compatible FBM and cable before reconnecting contacts, then exercise each affected input under the site procedure.

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## Applications and compatibility

### Contact input termination

Connect the field contacts serving a compatible FBM207c module.

### Panel wiring maintenance

Maintain identified conductor landing points during service.

### I/O restoration

Replace a matching terminal assembly while retaining the installed channel map.

### Fault isolation

Use terminal-level checks to separate field contact faults from module faults.

## Engineering precautions

### 01 Label wires

Record each conductor and terminal before disconnection.

### 02 Isolate circuits

Apply the approved 48 V contact-sense isolation procedure.

### 03 Match hardware

Confirm FBM207c, termination cable and assembly marking.

### 04 Inspect contacts

Check conductor seating and compression hardware.

### 05 Preserve commons

Recreate the approved common and return wiring scheme.

### 06 Test inputs

Exercise all affected contact points and host indications.

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## Service decisions and documentation

### Which I/O module is documented with P0917MF?

Foxboro lists it as a compression termination assembly for an FBM207c contact-sense arrangement; check the installed module and cable.

### How should a wire transfer to P0917MF be controlled?

Label and record every terminal, isolate the circuit, move conductors by the approved terminal schedule, then verify each input.

### Can RH917MG automatically replace P0917MF?

Later material identifies RH917MG as a successor; confirm mechanical and cable compatibility for the installed system.

### What should be inspected on a used P0917MF terminal?

Review insulation, conductor clamping, corrosion and signs of overheating under the site maintenance standard.

### Does P0917MF itself perform sixteen-channel contact sensing?

No. The channel function belongs to the paired FBM207c module; this item provides field-side termination.

### What if an FBM207c input stays active after P0917MF is changed?

Check field contact state, terminal landing, common return, cable connection and module diagnostics.

### Why must the cable marking be checked with P0917MF?

The termination assembly and FBM form a defined cable-and-terminal path; a physically fitting connector alone does not prove the intended channel mapping.

### What commissioning evidence is useful for P0917MF?

Retain an as-left terminal schedule and a witnessed state check for every affected contact-sense point.

Technical basis: Foxboro PSS 31H-2S207.

## Related Foxboro service parts

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

## Technical enquiry

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