



BR998
September 1973

Specification for Electric Point Detectors

British Railways Board

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Amendments

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B.R. Specification no. 998 for electric point detectors

Foreword

This specification supersedes all previous issues. It is issued by:-

D. of P. & M.M.,
S. & T. Materials Management Group,
Room 1103,
Rail House,
CREWE.

Technical queries shall be referred to the above address. For telephone enquiries the numbers are:-

BT (STD) 0270-532494
BT (STD) 0270-532345 FAX
BR (ETD) 05-32494
BR (ETD) 05-32345 FAX

1. SCOPE

This specification relates to electric point detectors using sealed limit switches and linear cam slides for application to railway track point and crossing layouts for switch rail and point lock proving purposes.

2. GENERAL

- 2.1. Detectors shall consist of a removable 'weather sealed' detection head with sealed contact switches, cable termination panel and compression cable glands; a mechanism base unit with reversible pre-cut cam slides and cam followers for actuating the contact switches; an overall lift-off protection cover with provision for padlocking.
- 2.2. Two sealed snap action contact limit switches shall be provided one for each position of the cam slides, each having substantial double-pole changeover contacts of silver cadmium oxide.
- 2.3. Detectors shall be in accordance with assembly drawing BRS - SE 50 and associated detail drawings.
- 2.4. The following types of detector, which differ only in respect of the cam slides and cam followers fitted, may be ordered:-

Drawing
Reference
BRS - SE

Description

- | | |
|------|--|
| 50/1 | Point Detector 2 Slide Complete for switch rail movements of between 95 mm and 120 mm. |
| 50/2 | Point and Lock Detector 3 Slide Complete for switch rail movements of between 95 mm and 120 mm and lock slides suitable for use with B.R. mechanical facing point locks. |