

# MRS07 Reed Sensor / Float Switch Datasheet

MiRelay model-level engineering reference for RFQ, cross-reference review and preliminary design-in. Company: SHR AUTOSENSOR TECH LIMITED. Website: www.reed-relay.com. Email: sales@reed-relay.com. Phone/WhatsApp: +86 137 6157 1029.



Product image is representative. Marking, terminal details and accessories can vary by exact option and customer drawing.

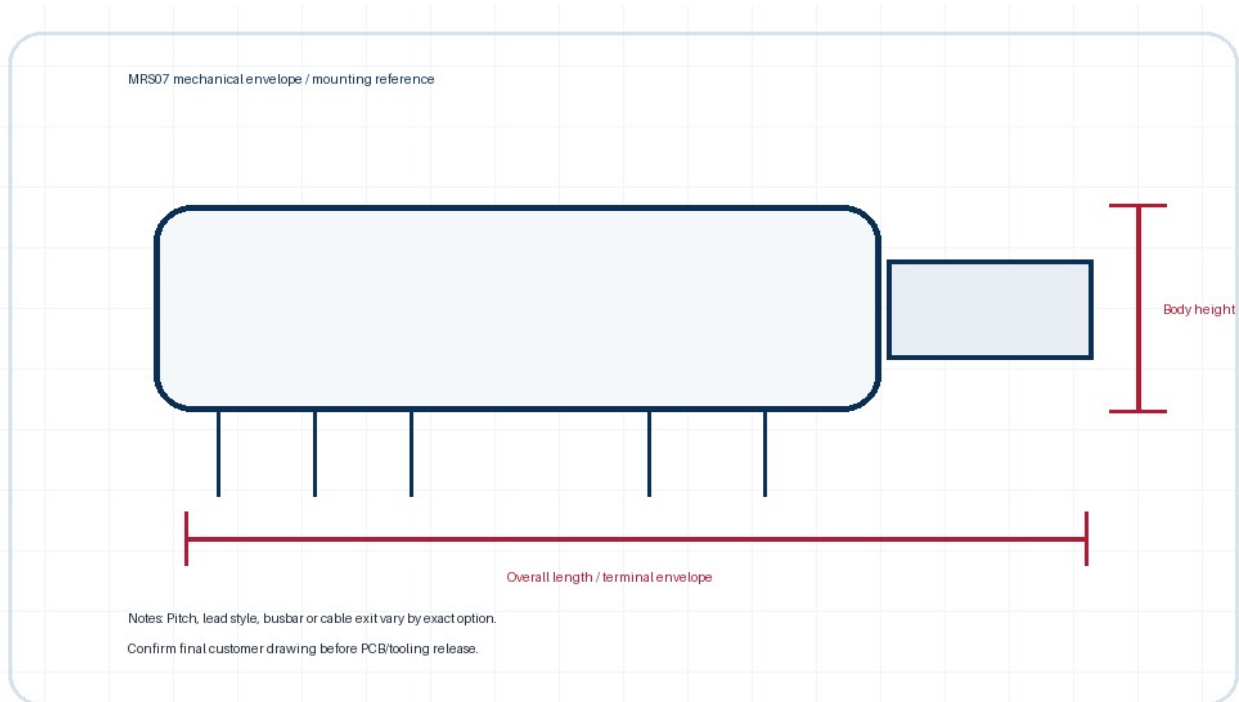
## Key selection parameters

| Parameter    | Engineering note   |
|--------------|--|
| Sensing mode | Magnetic proximity, position or liquid level             |
| Output       | Reed switch NO/NC behavior by configuration              |
| Housing      | Molded, threaded, cable or custom assembly               |
| Applications | Door/position sensing, tank level, industrial automation |

## Ordering code interpretation

| Code block      | Meaning                                       |
|-----------------|---|
| MRS             | Magnetic reed proximity sensor family         |
| 07              | Housing/mechanical package series             |
| A/B             | Contact behavior or sensitivity option        |
| Cable/connector | Lead length and connector by customer drawing |

## Mechanical envelope and drawing guidance



This drawing is an engineering envelope illustration prepared for selection and RFQ discussions. Use the final signed MiRelay drawing for PCB layout, mounting holes, busbar design, wire/cable exit, creepage/clearance and tooling release.

### RFQ / design-in checklist

Target magnet/float geometry  
Actuation gap and mounting tolerance  
Cable/connector length and sealing  
Media/material compatibility  
Operating temperature and vibration

### Required information for quotation

Please send target model or competitor part number, electrical ratings, load type, coil/control voltage, package limits, environmental requirements, sample quantity and annual forecast to sales@reed-relay.com. Attach drawings or PCB constraints when available.

### Important notice

Preliminary engineering document. Specifications are derived from MiRelay family references and local product assets; they are not a substitute for final approval drawings, signed datasheets, customer validation or safety certification review. Mercury-wetted, high-voltage, medical, EV and PV applications require application-specific validation.