



**EN:** This Datasheet/Document is presented by the manufacturer.

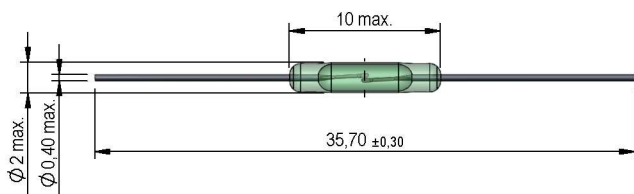
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## Preliminary Datasheet

**Dimensions mm**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

**Isometric**

Scale 1:1  
 Maßstab 1:1



| Magnetic properties                  | Conditions                                                  | Min    | Typ | Max | Unit |
|--------------------------------------|-------------------------------------------------------------|--------|-----|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 10     |     | 15  | AT   |
| Test equipment                       | Testing 100%                                                | KMS-01 |     |     |      |

| Contact data 87            | Conditions                                                        | Min     | Typ | Max | Unit |
|----------------------------|-------------------------------------------------------------------|---------|-----|-----|------|
| Contact-No.                |                                                                   | 87      |     |     |      |
| Contact-form               |                                                                   | A       |     |     |      |
| Contact-material           | Plating thicknesses are proprietary                               | Rhodium |     |     |      |
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |         |     | 10  | W    |
| Switching voltage          | DC or Peak AC                                                     |         |     | 200 | V    |
| Switching current          | DC or Peak AC                                                     |         |     | 0,4 | A    |
| Carry current              | DC or Peak AC                                                     |         |     | 0,5 | A    |
| Contact resistance static  | Measured with 40% overdrive Start Value                           |         |     | 150 | mOhm |
| Contact resistance dynamic | Maximum value 1,5 ms after excitation Start Value                 |         |     | 200 | mOhm |
| Contact resistance dynamic | Difference value 1,5 ms after excitation                          |         |     | 20  | mOhm |
| Insulation resistance      | RH <45 %, 100V - to all points                                    | 1       |     |     | GOhm |
| Breakdown voltage          | according to EN 60255-5                                           | 230     |     |     | VDC  |
| Operate time incl. bounce  | measured with 40% overdrive                                       |         |     | 0,6 | ms   |
| Release time               | measured with no coil excitation                                  |         |     | 0,1 | ms   |
| Capacitance                | @ 10 kHz across open switch                                       |         | 0,2 |     | pF   |

| Special Product Data    | Conditions | Min | Typ | Max | Unit |
|-------------------------|------------|-----|-----|-----|------|
| Reach / RoHS conformity |            | yes |     |     |      |

| Environmental data    | Conditions                         | Min | Typ | Max | Unit |
|-----------------------|------------------------------------|-----|-----|-----|------|
| Shock                 | 1/2 sine, duration 11ms, in 3 axis |     |     | 50  | g    |
| Vibration             | from 10 - 2000 Hz                  |     |     | 20  | g    |
| Operating temperature |                                    | -40 |     | 130 | °C   |
| Storage temperature   |                                    | -55 |     | 130 | °C   |
| Soldering temperature | wave soldering max. 5 sec.         |     |     | 260 | °C   |