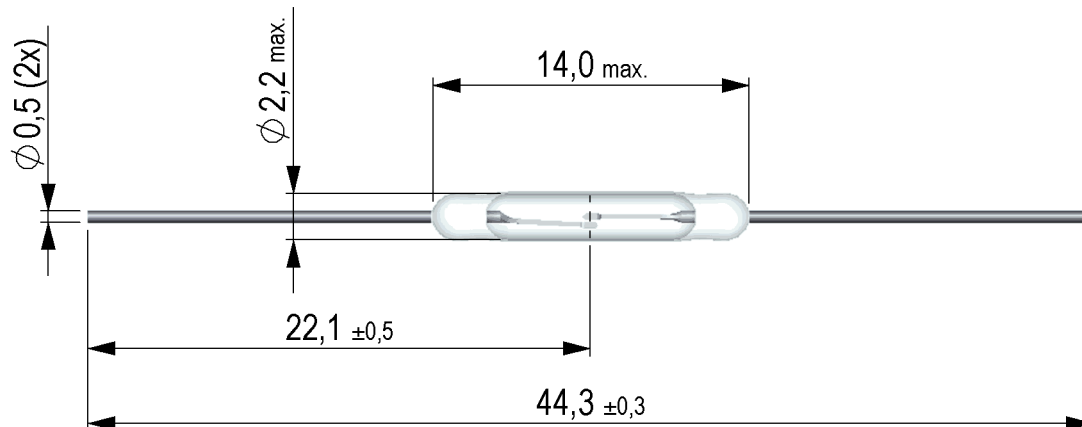


tolerances according to DIN ISO 2768 m

| Magnetic properties                  | Conditions                                                  | Min    | Typ | Max | Unit |
|--------------------------------------|-------------------------------------------------------------|--------|-----|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 15     |     | 20  | AT   |
| Test-Coil                            | Reed switch unmodified                                      | KMS-01 |     |     |      |

| Contact data 66            | Conditions                                                        | Min     | Typ | Max  | Unit |
|----------------------------|-------------------------------------------------------------------|---------|-----|------|------|
| Contact-No.                |                                                                   | 66      |     |      |      |
| Contact-form               |                                                                   | A       |     |      |      |
| Contact-material           |                                                                   | Rhodium |     |      |      |
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |         |     | 10   | W    |
| Switching voltage (<21 AT) | DC or Peak AC                                                     |         |     | 180  | V    |
| Switching current          | DC or Peak AC                                                     |         |     | 0,5  | A    |
| Carry current              | DC or Peak AC                                                     |         |     | 1,25 | 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 |
| Insulation resistance      | RH <45 %, 100 VDC test voltage                                    | 10      |     |      | GOhm |
| Breakdown voltage (<21 AT) | according to IEC 255-5                                            | 200     |     |      | VDC  |
| Operate time incl. bounce  | measured with 40% overdrive                                       |         |     | 0,5  | ms   |
| Release time               | measured with no coil excitation                                  |         |     | 0,1  | ms   |
| Capacitance                | @ 10 kHz across open switch                                       |         | 0,2 |      | pF   |

| Contact dimensions | Conditions                     | Min | Typ  | Max | Unit |
|--------------------|--------------------------------|-----|------|-----|------|
| Overall length     | Tolerance according to drawing |     | 44,3 |     | mm   |
| Glass body length  | Tolerance according to drawing |     | 14   |     | mm   |

| Environmental data    | Conditions                  | Min | Typ | Max | Unit |
|-----------------------|-----------------------------|-----|-----|-----|------|
| Shock                 | 1/2 sine wave duration 11ms |     |     | 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   |