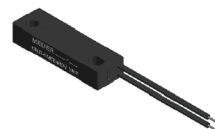
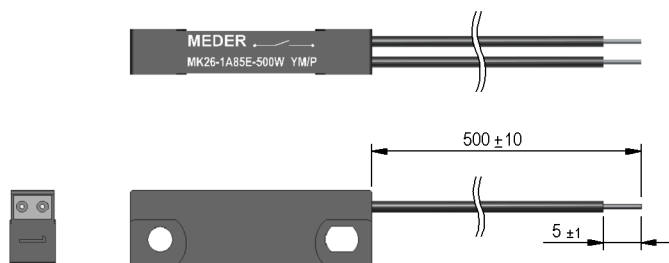


### Dimensions mm[inch]

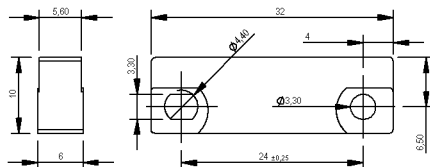
tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

### Isometric

Scale 1:2  
 Maßstab 1:2



### Housing



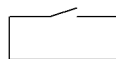
### Cable

single wires AWG24, black  
 UL-Style 1007/1569  
 Ø 1,5 mm  
 Einzellitzen AWG24, schwarz  
 UL-Style 1007/1569  
 Ø 1,5 mm

### Terminals/Connector

ends tinned  
 Enden verzinkt

### Schematic



### Marking

according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte



| Magnetic properties | Conditions | Min        | Typ | Max | Unit |
|---------------------|------------|------------|-----|-----|------|
| Pull-In             | at 20°C    | 58         |     | 82  | AT   |
| Test equipment      |            | KMS048-001 |     |     |      |

| Special Product Data | Conditions                                                           | Min         | Typ | Max | Unit |
|----------------------|----------------------------------------------------------------------|-------------|-----|-----|------|
| Contact - No.        |                                                                      | 85          |     |     |      |
| Contact - form       |                                                                      | A - NO      |     |     |      |
| Contact rating       | Any DC combination of V & A<br>not to exceed their individual max.'s |             |     | 100 | W    |
| Switching voltage    | DC or Peak AC                                                        |             |     | 300 | V    |
| Carry current        | DC or Peak AC                                                        |             |     | 2,5 | A    |
| Switching current    | DC or Peak AC                                                        |             |     | 1   | A    |
| Sensor-resistance    | measured with 40% overdrive                                          |             |     | 250 | mOhm |
| Housing material     |                                                                      | PBT GF30    |     |     |      |
| Case color           |                                                                      | black       |     |     |      |
| Sealing compound     |                                                                      | Polyurethan |     |     |      |

| Environmental data    | Conditions | Min | Typ | Max | Unit |
|-----------------------|------------|-----|-----|-----|------|
| Operating temperature |            | -5  |     | 80  | °C   |
| Storage temperature   |            | -20 |     | 80  | °C   |
| Remark (RoHS)         |            | Yes |     |     |      |

| Data to reed-contact modifica | Conditions                     | Min | Typ | Max | Unit |
|-------------------------------|--------------------------------|-----|-----|-----|------|
| Overall length cable          | Tolerance according to drawing |     | 500 |     | mm   |

| Cable specification | Conditions | Min          | Typ | Max | Unit |
|---------------------|------------|--------------|-----|-----|------|
| Cable type          |            | single wires |     |     |      |
| Cable material      |            | PVC          |     |     |      |
| Cross section       |            | AWG 24       |     |     |      |

| General data      | Conditions                         | Min                                                | Typ | Max | Unit |
|-------------------|------------------------------------|----------------------------------------------------|-----|-----|------|
| Mounting advice   |                                    | Decreased switching distances by mounting on iron. |     |     |      |
| Mounting advice   |                                    | Magnetically conductive screws must not be used.   |     |     |      |
| Mounting advice   |                                    | over 5m cable, a resistor is recommended.          |     |     |      |
| Tightening torque | Screw M3 ISO 1207<br>Disk ISO 7089 |                                                    |     | 0,5 | Nm   |