

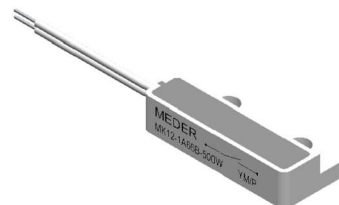
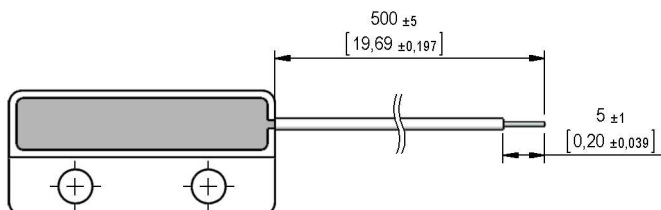
### Dimensions mm[inch]



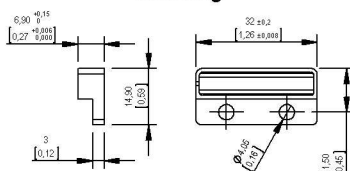
tolerances acc. to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m

### Isometric

Scale 1:2  
Maßstab 1:2



### Housing



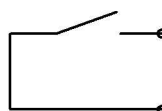
### Cable

flat cable LIYZ 2x0,14qmm  
Flachkabel LIYZ 2x0,14qmm

### 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    | 34                                    |     | 67  | AT   |
| Test equipment      |            | KMS-31 with input and PK002 and SA002 |     |     |      |

| Special Product Data | Conditions                                                        | Min                        | Typ | Max  | Unit |
|----------------------|-------------------------------------------------------------------|----------------------------|-----|------|------|
| Contact - form       |                                                                   | A - NO                     |     |      |      |
| Contact rating       | Any DC combination of V & A not to exceed their individual max.'s |                            |     | 10   | W    |
| operating voltage    | DC or Peak AC                                                     |                            |     | 180  | V    |
| operating ampere     | DC or Peak AC                                                     |                            |     | 1,25 | A    |
| Switching current    | DC or Peak AC                                                     |                            |     | 0,5  | A    |
| Sensor-resistance    | measured with 40% overdrive<br>Sensor deactivated                 |                            |     | 290  | mOhm |
| Housing material     |                                                                   | PBT glass fibre reinforced |     |      |      |
| Case color           |                                                                   | white                      |     |      |      |
| Sealing compound     |                                                                   | Polyurethan                |     |      |      |

| Environmental data    | Conditions      | Min | Typ | Max | Unit |
|-----------------------|-----------------|-----|-----|-----|------|
| Operating temperature | cable not moved | -30 |     | 70  | °C   |
| Operating temperature | cable moved     | -5  |     | 70  | °C   |
| Storage temperature   |                 | -30 |     | 70  | °C   |

| Cable specification | Conditions | Min        | Typ | Max | Unit |
|---------------------|------------|------------|-----|-----|------|
| Cable typ           |            | flat cable |     |     |      |
| Cable material      |            | PVC,white  |     |     |      |
| Cross section [mm²] |            | 2x0,14     |     |     |      |

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

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