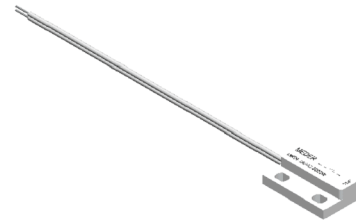
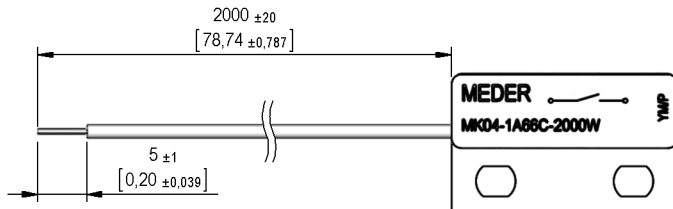
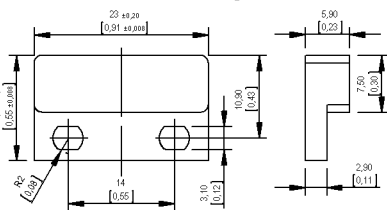


**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

**Isometric**  
 Scale 1:2  
 Maßstab 1:2



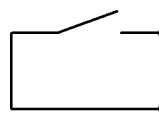
**Housing**



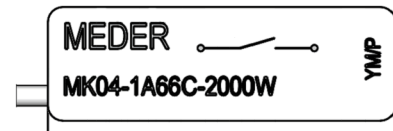
**Cable**  
 flat cable LIYZ 2x0,14 mm<sup>2</sup>  
 Flachbandkabel LIYZ 2x0,14 mm<sup>2</sup>

**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    | 33                 |     | 53  | AT   |
| Test equipment      |            | KMS-14+PK002+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                 |                            |     | 660  | 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 type                       |            | flat cable |     |     |      |
| Cable material                   |            | PVC        |     |     |      |
| Cross section [mm <sup>2</sup> ] |            | 0,14       |     |     |      |

| General data      | Conditions                         | Min                                               | Typ | Max | Unit |
|-------------------|------------------------------------|---------------------------------------------------|-----|-----|------|
| Mounting advice   |                                    | over 5m cable, a series resistor is recommended.  |     |     |      |
| mounting advice 1 |                                    | Decreased switching distances by mounting on iron |     |     |      |
| mounting advice 2 |                                    | Magnetically conductive screws must not be used   |     |     |      |
| tightening torque | Screw M3 ISO 1207<br>Disk ISO 7089 |                                                   |     | 0,5 | Nm   |