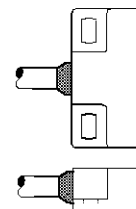
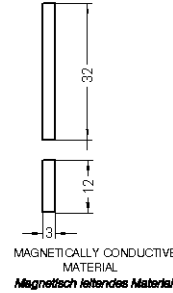


**SWITCHING DISTANCES**

Schaltwege



SENSOR



MAGNETICALLY CONDUCTIVE MATERIAL  
Magnetisch leitendes Material

**MARKING/Aufdruck**

MEDER-Label, Type  
Production code,  
EN60062 / Factory code  
Circuit diagram

**MEDER-Logo, Typ**  
**Produktionscode**  
**EN60062/Fertigungsstätte**  
**Schaltbild**

**CABLE/Kabel**

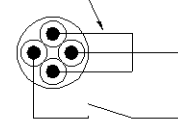
PVC LIYY 4x0,14 mm<sup>2</sup>, white  
colour of WIRES: white  
ends tinned

**PVC LIYY 4x0,14 mm<sup>2</sup>, weiß**  
**Aderfarben: weiß**  
**Enden verzinkt**

**CIRCUIT DIAGRAM**  
Schaltbild



Sabotageschleife



Abmessungen / dimensions (mm)  
Tolerances acc. to DIN ISO 2768-m

| Magnetic properties | Conditions | Min | Typ | Max    | Unit |
|---------------------|------------|-----|-----|--------|------|
| Pull in             | at 20 °C   | 4,5 |     | 10     | mm   |
| Drop out            | at 20 °C   | 5,5 |     | 13,5   | mm   |
| Test equipment      |            |     |     | SV 002 |      |

| Special Product Data | Conditions   | Min                        | Typ    | Max  | Unit |
|----------------------|--|----------------------------|--------|------|------|
| Contact - form       |  |                            | A - NO |      |      |
| Contact rating       | Any DC combination of V & A<br>not to exceed their individual max.'s |                            |        | 10   | W    |
| operating voltage    | DC or Peak AC  |                            |        | 180  | VDC  |
| operating ampere     | DC or Peak AC  |                            |        | 1,25 | A    |
| Switching current    | DC or Peak AC  |                            |        | 0,5  | A    |
| Sensor-resistance    | measured with 40% overdrive  |                            |        | 280  | 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 |     | 80  | °C   |
| Operating temperature | cable moved     | -5  |     | 80  | °C   |
| Storage temperature   |                 | -30 |     | 80  | °C   |

| Cable specification | Conditions | Min         | Typ | Max | Unit |
|---------------------|------------|-------------|-----|-----|------|
| Cable typ           |            | round cable |     |     |      |
| Cable material      |            | PVC         |     |     |      |
| Cross section       |            | 0,14 qmm    |     |     |      |

| 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   |