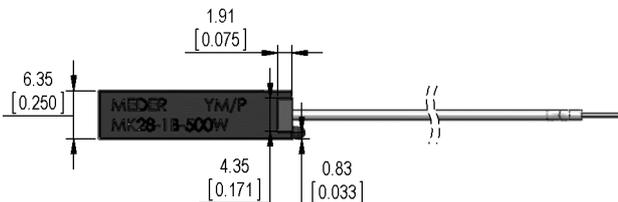
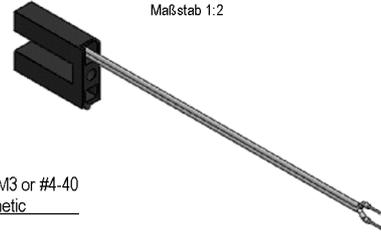
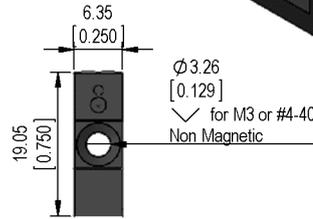
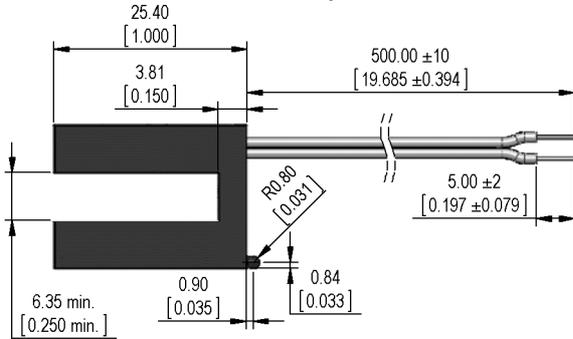


**Dimensions mm[inch]**  
tolerances acc. to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m

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



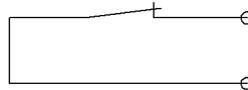
**Cable**

Flat Cable, LIYZ 2x0.14sqmm  
colour of wires: white

**Terminals/Connector**

Customer side: Ends tinned  
Kundenseite: Enden verzinkt

**Schematic**

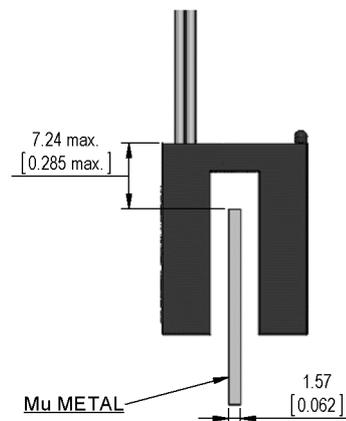
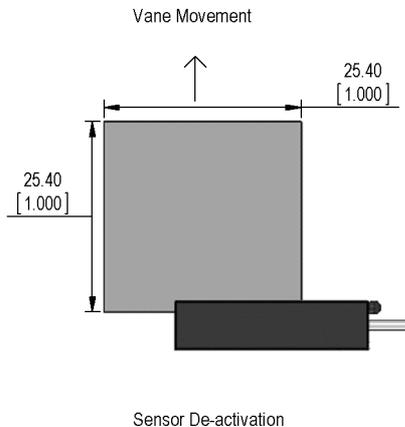
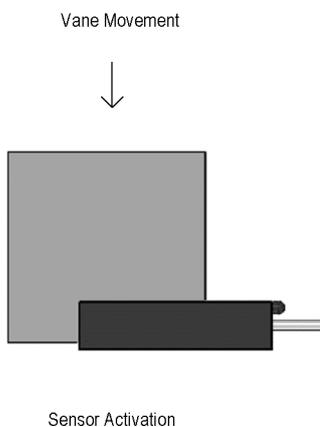


**Marking**

MEDER-Label, Type,  
according to EN60062/factory code  
MEDER-Logo, Typ,  
gem. EN60062/Fertigungsstätte



**Switching distances**





Europe: +49 / 7731 8399 0 | Email: info@standexmeder.com  
 USA: +1 / 508 295 0771 | Email: salesusa@standexmeder.com  
 Asia: +852 / 2955 1682 | Email: salesasia@standexmeder.com

Item No.:  
**9282661054**  
 Item:  
**MK28-1B-500W**

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

| Special Product Data | Conditions   | Min   | Typ | Max  | Unit |
|----------------------|--|---|-----|------|------|
| Contact - No.        |  | 66/3  |     |      |      |
| Contact - form       |  | B - NC  |     |      |      |
| Contact rating       | Any DC combination of V & A<br>not to exceed their individual max.'s |   |     | 10   | W    |
| Switching voltage    | DC or Peak AC  |   |     | 200  | V    |
| Carry current        | DC or Peak AC  |   |     | 1.25 | A    |
| Switching current    | DC or Peak AC  |   |     | 0.5  | A    |
| Sensor-resistance    | measured with 40% overdrive  |   |     | 400  | mOhm |
| Breakdown voltage    | according to EN 60255-5  | 225   |     |      | VDC  |
| Housing material     |  | Nylon 6/6   |     |      |      |
| Case color           |  | black   |     |      |      |
| Sealing compound     |  | UL94-V2 File-No E72640 (M) PU E8702 FW-Z/Herberts |     |      |      |

| Environmental data    | Conditions                         | Min | Typ | Max | Unit |
|-----------------------|------------------------------------|-----|-----|-----|------|
| Shock                 | 1/2 sine, duration 11ms, in 3 axis |     |     | 50  | g    |
| Vibration             | from 10 - 2000 Hz                  |     |     | 20  | g    |
| Operating temperature |                                    | -40 |     | 105 | °C   |
| Storage temperature   |                                    | -40 |     | 105 | °C   |

| Cable specification | Conditions | Min        | Typ | Max | Unit |
|---------------------|------------|------------|-----|-----|------|
| Cable type          |            | flat cable |     |     |      |
| Cable material      |            | PVC        |     |     |      |
| Cross section       |            | 0.14 sq-mm |     |     |      |

| General data      | Conditions                         | Min  | Typ | Max | Unit |
|-------------------|------------------------------------|--|-----|-----|------|
| 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   |

Modifications in the sense of technical progress are reserved

Designed at: 06/05/12 Designed by: MGLEICK  
 Last Change at: 05/07/15 Last Change by: SDAVIS

Approval at: 06/05/12 Approval by: TLANE  
 Approval at: 05/07/15 Approval by: ABURGESS

Rev. No.: 5