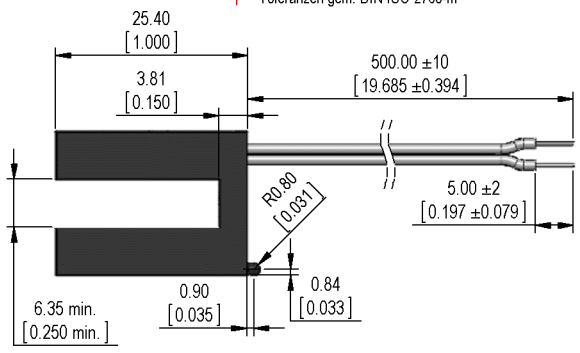
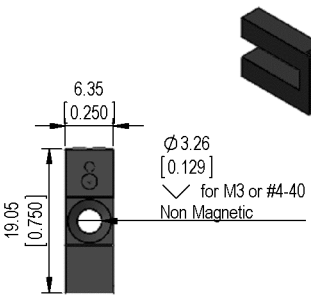
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Item No.:
**9282661054**
Item:
**MK28-1B-500W**

## Dimensions mm[inch]

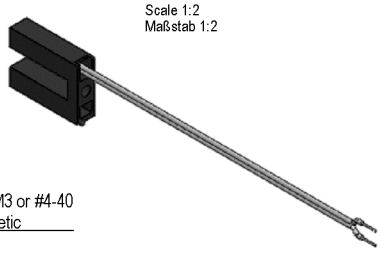
tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m

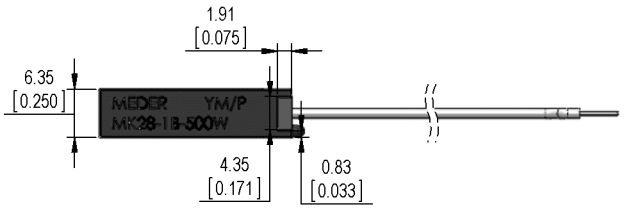



## Isometric

Scale 1:2
Maßstab 1:2






## Cable

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

## Terminals/Connector

Customer side: Ends tinned
Kundenseite: Enden verzinnt

## Schematic

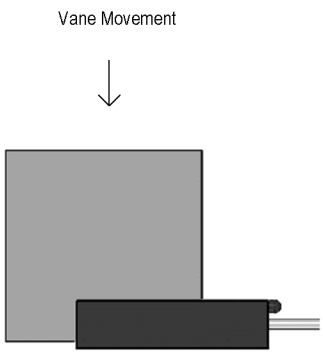


## Marking

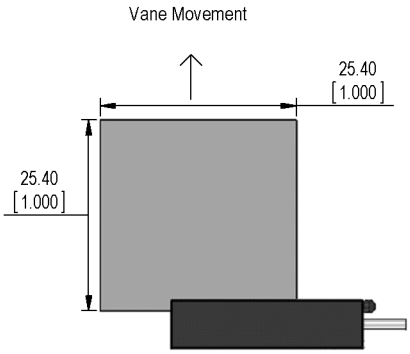
MEDER-Label, Type,
according to EN60062/factory code
MEDER-Logo, Typ,
gem. EN60062/Fertigungsstätte



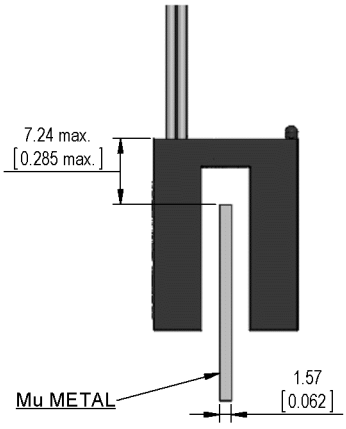

## Switching distances




Sensor Activation




Sensor De-activation






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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 |



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## Standex Electronics:

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