

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

Isometric
 Scale 1:1
 Maßstab 1:1

Housing

M5x0,5 fine thread
 Material: Stainless steel 1.4305

Cable
 flat cable LIYz 2x0,14 mm², white
 Flachbandkabel LIYz 2x0,14 mm², weiss

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 | 20 | | 38 | AT |
| Test equipment | | KMS-13+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 |
| Switching current | DC or Peak AC | | | 0,5 | A |
| operating ampere | DC or Peak AC | | | 1 | A |
| Sensor-resistance | measured with 40% overdrive | | | 850 | mOhm |
| Housing material | | High grade steel 1.4305 | | | |
| 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 | | | |
| Cross section | | 0,14 mm ² | | | |

| General data | Conditions | Min | Typ | Max | Unit |
|-------------------|------------|--|-----|-----|------|
| Mounting advice | | over 5m cable, a series resistor is recommended. | | | |
| Tightening torque | | | | 1 | Nm |