

Preliminary Datasheet

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 2x0,14qmm
 Flachbandkabel LIYZ 2x0,14qmm

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 | 21 | | 42 | AT |
| Test equipment | | KMS-14, SA002+PK002 | | | |

| 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 Sensor deactivated | | | 290 | 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 typ | | flat cable | | | |
| Cable material | | PVC | | | |
| Cross section [mm²] | | 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 Disk ISO 7089 | | | 0,5 | Nm |