

**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 2xAWG26, UL-Style 2651  
 colour grey with a red strip  
 Flachbandkabel 2xAWG26, UL-Style 2651  
 Farbe grau mit rotem Streifen

**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   | 43                    |     | 64  | AT   |
| Test equipment      |            | KMS14 + PK002 + SA002 |     |     |      |

| Special Product Data | Conditions  | Min  | Typ | Max | Unit |
|----------------------|---|--|-----|-----|------|
| Contact - No.        |   | 90   |     |     |      |
| Contact - form       |   | B/C - NC   |     |     |      |
| Contact rating       | Any DC combination of V & A not to exceed their individual max.'s |  |     | 10  | W    |
| Switching voltage    | DC or Peak AC   |  |     | 175 | V    |
| Carry current        | DC or Peak AC   |  |     | 1   | A    |
| Switching current    | DC or Peak AC   |  |     | 0,5 | A    |
| Sensor-resistance    | measured with 40% overdrive                                       |  |     | 290 | mOhm |
| Housing material     |   | Crastin,SK 645FR, rated 94V-0, 140 °C, E.I. Dupont |     |     |      |
| Case colour          |   | white  |     |     |      |
| Sealing compound     |   | Voltatex CE 12 FW-UL                               |     |     |      |
| Approval             |   | UL listed materials                                |     |     |      |

| 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   | cable not moved                    | -30 |     | 70  | °C   |
| Operating temperature   | cable moved                        | -5  |     | 70  | °C   |
| Storage temperature     |                                    | -30 |     | 70  | °C   |
| Reach / RoHS conformity |                                    | yes |     |     |      |

| Cable specification | Conditions | Min                       | Typ | Max | Unit |
|---------------------|------------|---------------------------|-----|-----|------|
| Cable type          |            | flat cable, UL-Style 2651 |     |     |      |
| Cross section       |            | AWG 26                    |     |     |      |

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