

**Cable**  
 LIYY 2x0,25 mm<sup>2</sup>, grey  
 colour of wires: white and brown  
 ends tinned  
 LIYY 2x0,25 mm<sup>2</sup>, grau  
 Aderfarben: weiss und braun  
 Enden verzinkt

**Nut**  
 M10, DIN 439 B, stainless steel, ws 17  
 M10, DIN 439 B, Edelstahl, SW 17

**O-ring**  
 NBR, black  
 NBR, schwarz

**Stem**  
 stainless steel  
 Edelstahl

**Float**  
 MS09-S, stainless steel  
 MS09-S, Edelstahl

**Two-ear clamp**  
 stainless steel  
 Zweiohrklemme, Edelstahl

**Dimensions mm[inch]**

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

**Schematic**

OPEN  
OFFEN

CLOSED  
GESCHLOSSEN

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

**Marking**  
 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte

| Special Product Data | Conditions  | Min | Typ | Max | Unit            |
|----------------------|---|-----|-----|-----|-----------------|
| Contact rating       | Any DC combination of V & A not to exceed their individual max.'s |     |     | 100 | W               |
| Switching voltage    | DC or Peak AC   |     |     | 250 | V               |
| Carry current        | DC or Peak AC   |     |     | 2,5 | A               |
| Switching current    | DC or Peak AC   |     |     | 1   | A               |
| Sensor-resistance    | measured with 40% overdrive                                       |     |     | 280 | mOhm            |
| Breakdown voltage    |   | 1   |     |     | kV DC           |
| Insulation Voltage   | Case/Contact  |     |     | 1   | kV DC           |
| Material of float    |   |     |     |     | stainless steel |
| Housing material LS  |   |     |     |     | stainless steel |
| Sealing compound     |   |     |     |     | Polyurethan     |

| Environmental data    | Conditions      | Min | Typ | Max  | Unit |
|-----------------------|-----------------|-----|-----|------|------|
| Operating temperature | cable not moved | -30 |     | 80   | °C   |
| Operating temperature | cable moved     | -5  |     | 80   | °C   |
| Storage temperature   |                 | -30 |     | 80   | °C   |
| Safety class          | DIN EN 60529    |     |     | IP68 |      |

| Cable specification | Conditions | Min | Typ | Max | Unit        |
|---------------------|------------|-----|-----|-----|-------------|
| Cable type          |            |     |     |     | round cable |
| Cable material      |            |     |     |     | PVC         |
| Cross section       |            |     |     |     | 0,25 sq-mm  |

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