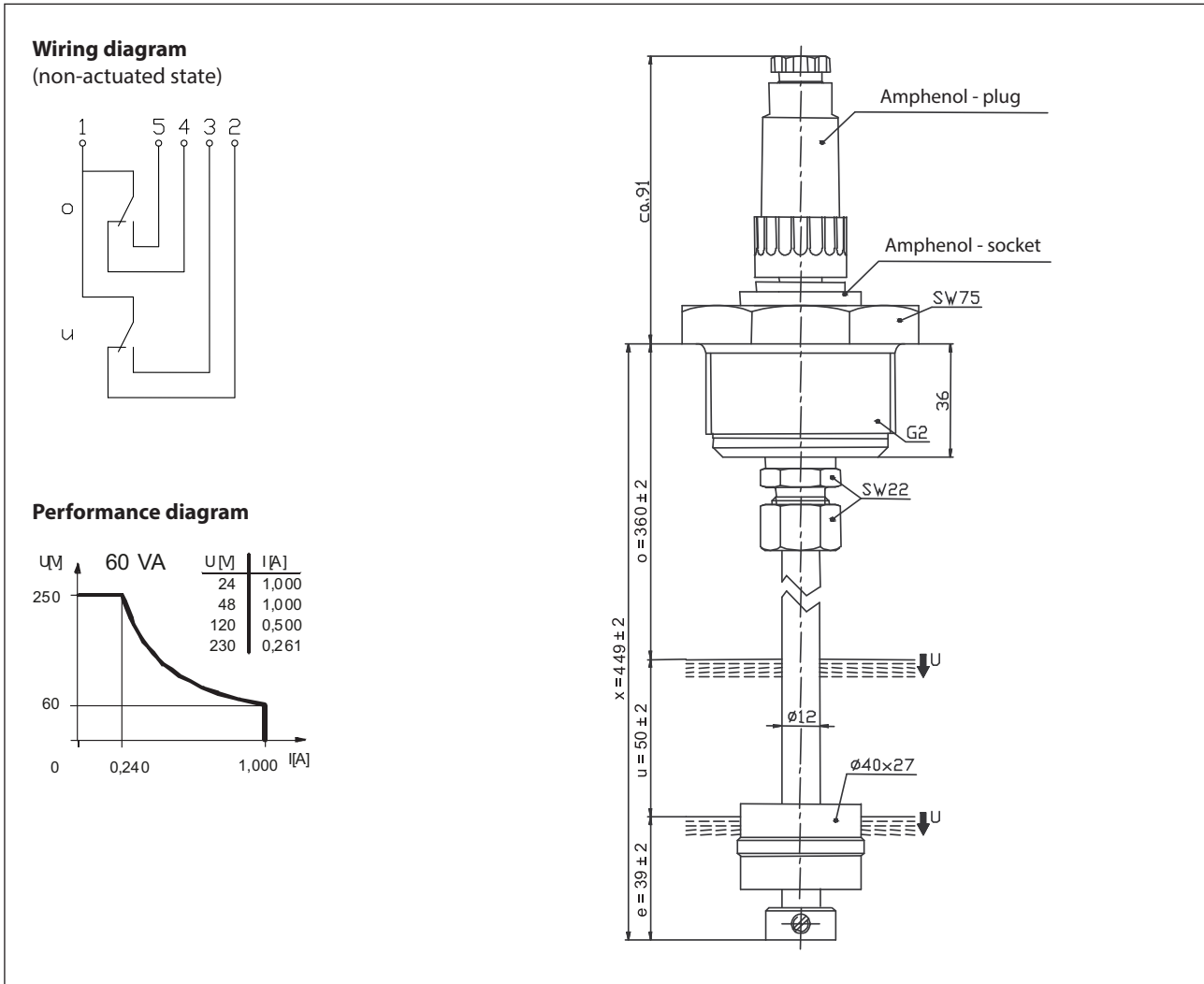


# Float switch

## Series Standard-Float switch

Description **MAA-723 LOS 0449**

Article number **6826109008**



| Electrical data                 |                  |                         |
|---------------------------------|------------------|-------------------------|
| Bemessungsspannung              | U <sub>r</sub>   | 250 V                   |
| max. switching current          |                  | 1,0 A                   |
| max. switching capacity         |                  | 60 VA                   |
| min. switching capacity         |                  | 3 VA                    |
| Rated insulation voltage        | U <sub>i</sub>   | 300 V AC                |
| Rated impulse withstand voltage | U <sub>imp</sub> | 4 kV AC                 |
| Overvoltage category            |                  | II                      |
| Switching element               |                  | 2 x C.O., falling level |
| Protection class                |                  | II (totally insulated)  |

| Mechanical data                |   |
|--------------------------------|---|
| Screw connection material SW75 | PVC   |
| Screw connection material SW22 | X6CrNiMoTi17-12-2 (1.4571)                                  |
| Switching tube material        | X6CrNiMoTi17-12-2 (1.4571)                                  |
| Float material                 | POM   |
| - density                      | about 0,7 g/cm <sup>3</sup> ±10 %                           |
| - depth of immersion           | 18 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )  |
| Adjusting ring material        | X6CrNiMoTi17-12-2 (1.4571)                                  |
| Gasket material                | NBR   |
| Ambient air temperature        | -5 °C to +60 °C   |
| Liquid temperature             | -5 °C to +60 °C   |
| Connection                     | Amphenol connector, Typ: C16-1, 6-pole (Pole 1-5 connected) |
| Protection type                | IP 65 acc to IEC529 / EN 60529                              |
| Max. pressure                  | 5 bar   |

| Standards        |
|------------------|
| DIN EN 60947-5-1 |

| EU Conformity  |
|--|
| acc. to directive 2014/35/EU (Low-Voltage-Directive) |

| General details   |
|---|
| The measures of the switching points refer to a fluid-density of 1 g/cm <sup>3</sup> .<br>The tolerance of the switching points is ±2 mm<br>Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded! |

| Inductive loads   |
|---|
| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Direct current</p> <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="text-align: center;"> <p>Alternating voltage</p> <p>Suppression of voltage peaks with a VDR</p> </div> <div style="text-align: center;"> <p>Suppression of voltage peaks with an RC element</p> </div> </div> |

| Capacitive loads and lamp loads                               |
|---|
| <p>Contact protection with resistors for limiting current</p> |