

# Switch **MO** (monostable) / Switch **BI** (bistable) Mounting and Start-up Instructions

## Safety Instructions

The precondition for flawless, safe operation of the contacts is appropriate transport, storage, assembly, professional installation and start-up, proper use and maintenance.

These activities may only be performed by persons, who have the necessary expertise and qualifications. The relevant safety regulations for the construction and operation of electrical systems must be observed. If information contained in these instructions should prove to be inadequate in any way, please contact the manufacturer.

## Function

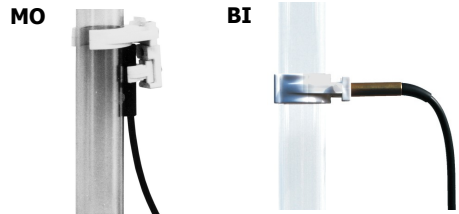
The magnetically-operated switches change their electrical switching status when switching magnets pass them by (magnet sys). Depending on the direction of movement: permanently-**BI**, temporarily-**MO**.

## Application

For mounting on the side of our level indicators with sighting tube (W-35x/MTA/ÜTA). The number and position of the switches can be chosen at random.

## Mounting

Mount at the desired position on the bypass tube using the enclosed fastening clips. The cable connection for MO points downwards and to the side for BI. Do not operate in the vicinity of strong magnetic fields or ferromagnetic parts. Observe a minimum distance of > 150 mm to metallic fixtures.



## Electrical connection

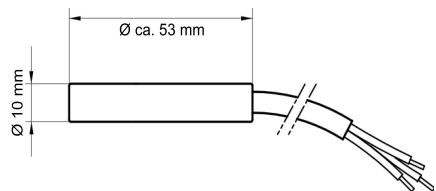
The electrical connections must be carried out in a de-energised state. Pay attention to the maximum electrical values.

## Maintenance/servicing

The switches do not require any special servicing, over and above the general inspection/functional check of the electrical system.

## Technical data

Type	MO / BI
Degree of protection	IP 65
Housing	Brass tube $\varnothing$ 10 x 1 mm
Cable	TPK or SIL
Operating temperature	TPK cable: - 15 ... + 60 °C SIL cable: - 15 ... + 130 °C



		Cable core assignment MO / BI:	
Switching current	Max. 1 A	Maker (NO)	BLACK-BLUE
Switching voltage	Max. 24 V	Switch over contact (CO)	BLACK-BLUE (maker NO)
Switching power	Max. 20 W/VA		BLACK-BROWN (breaker NC)