## Magnetic Switch

Series MA-52

## Wiring diagram

(not actuated, magnet not in the detection area)


## Identifying characteristics in accordance with EN 60947-5-1 and EN 62246-1

| Technical Data |  |  |
| :--- | :--- | :--- |
| Rated operating distance | $\mathrm{S}_{\mathrm{n}}$ | $\geq 3 \mathrm{~mm}$ |
| Assured operating distance | $\mathrm{S}_{\mathrm{a}}$ | 3 mm |
| Release point | $\mathrm{S}_{\mathrm{ab}}$ | $\leq 12 \mathrm{~mm}$ |
| Reference magnet |  | TK-52-CD/2 (6402052307) |
| Output | N.O., N.C. combined |  |
| Max. voltage |  | 30 V DC |
| Mechanical life | R | $3 \times 10^{8}$ switchings, however, according to the load resetability |
| Repeat accuracy | $0,1 \times$ S under same geometrical conditions at the same temperature |  |


| Mechanical data |  |
| :--- | :--- |
| Enclosure | PBT , black; encapsulated reed contact |
| Ambient air temperature | $-5^{\circ} \mathrm{C} \ldots+70^{\circ} \mathrm{C}$ |
| Type of protection | IP 65 acc. to EN 60529 (only in fully snapped-in position with it's plugs) |
| Connection | Plug connector $\varnothing 6,5 \mathrm{~mm}$, with snap-in joint |
| Installation position | optional (assembly on iron means reduction of switch distance) |
| Application | MÜZ-x02/xxx |

## EU Conformity

acc. to directive 2004/108/EC

[^0]
[^0]:    Notes
    Tightening torque of screws: $1,25 \mathrm{Nm} \pm 0,25 \mathrm{Nm}$

