

Technical Data

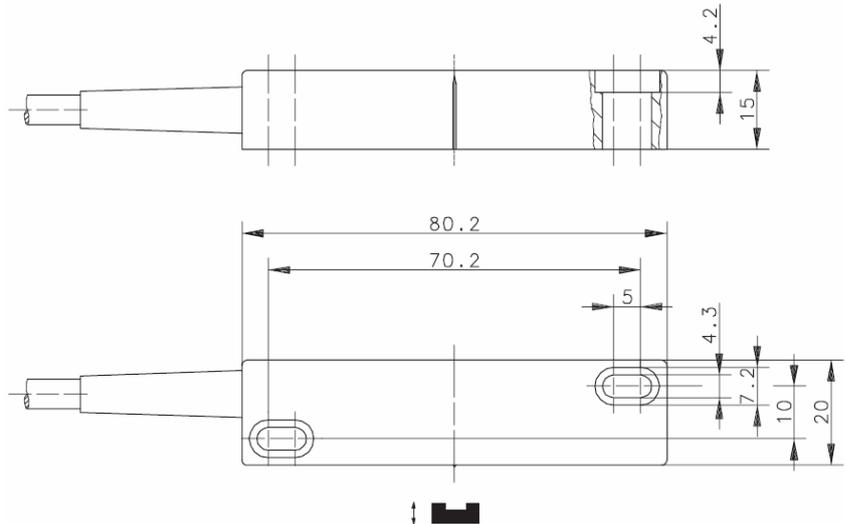
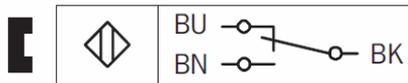
Magnetic Switch

Series MA-12

Type designation **MAK-1213-L-3**

Item number **6316312512**

Wiring diagram



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

Electrical data

| | | |
|------------------------------------|-------|---|
| Assured operating distance | S_a | 24 mm |
| Output function | | Switch-over |
| Max. voltage | | 250 V DC |
| Max. switch current | | 1,0 A |
| Max. switching | | 60 VA |
| Min. switching | | 3 VA |
| Mechanical lifetime (reed contact) | | 3×10^8 switchings, however, according to the load resetability |
| Repeat accuracy | R | $\pm 0,1$ mm, under same geometrical conditions at the same temperature |
| Max. reset point | | 45 mm |
| Shock | | 10g (11ms, $\frac{1}{2}$ sine wave) |
| Vibration | | 15 g (50 – 2000 Hz) |
| Corresponding magnets | | TK-21-12 |

Mechanical data

| | |
|-------------------------|--|
| Housing | PA 6.6, red; encapsulated reed contact |
| Ambient air temperature | -5 °C ... +70 °C -20 °C ... +70 °C (cable fixed mounted) |
| Type of protection | IP 67 according to IEC 529, EN 60529 |
| Connection | Cable 3 x 0,5 mm ² x 3 m; PVC – Outer jacket, black |
| Assembly position | optional (assembly on iron means reduction of switch distance) |

EU Conformity

acc. to directive 2006 / 95 / EC

Pay attention to the contact protection when switching inductive loads.

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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