

# Technical Data

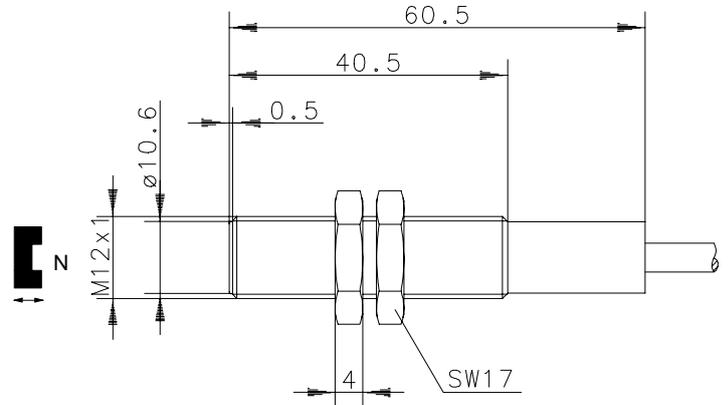
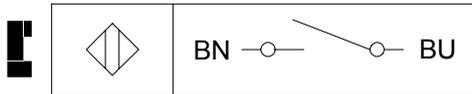
## Magnetic switch

### Series MA-18

Type designation **MAM-1812-B-5**

Item number **6311218610**

#### Wiring diagram



#### Electrical data

|                            |   |   |
|----------------------------|---|---|
| Contact closed             |   | $\geq 18$ mm  |
| Switching element function |   | N.O.  |
| Reed contact:              |   | 250V  |
| max. switching voltage     |   | 0,5A  |
| max. switching current     |   | 10VA  |
| max. switching capacity    |   | $3 \times 10^8$ switchings, however, according to load resetability |
| mechanical lifetime        |   | $\pm 0,1$ mm  |
| Repeat accuracy            | R | under same geometrical conditions at the same temperature           |
| Contact opened             |   | $\leq 42$ mm  |
| Shock                      |   | 50g (11ms)  |
| Vibration                  |   | 10 - 1000Hz (35g)   |
| Corresponding magnet       |   | T-62 N/S  |

#### Mechanical data

|                         |   |
|-------------------------|---|
| Enclosure               | Brass, nickel-plated  |
| Ambient air temperature | $-5^{\circ} \text{C} \dots +70^{\circ} \text{C}$                                      |
| Type of protection      | IP67 (NEMA 4) according to IEC 529, EN 60529  |
| Termination type        | cable $2 \times 0,34 \text{mm}^2 \times 5 \text{m} \pm 5\%$ ; PVC -outer jacket black |
| Assembly position       | optional (assembly on iron means reduction of switch distance)                        |
| Fixing accessories      | 2 x hexagon nut, brass nickel-plated  |

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.

Date of issue: 15.04.2008 / Page 1 of 1  
 Document: 6311218610\_en.doc / Last update: 1 / 0115-08