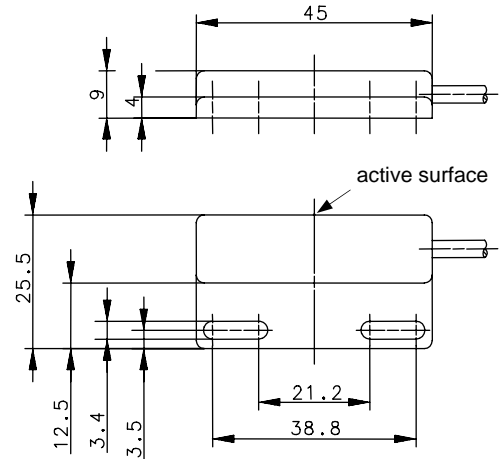
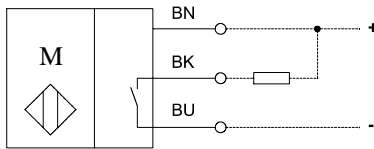


Series MA-45

Type designation **MEK-E45NS/H10-K2**

Item number **6362645009**

Wiring diagram



Characteristic features in accordance with EN 60947-5-2

Electrical data

| | | |
|-------------------------------|-------|------------------------------------|
| Assured operating distance | S_a | 17 mm |
| Switching function | | NPN, open collector, N.O. |
| Operational voltage range | U_B | 4,5-24 VDC |
| Switching current | | 25 mA |
| Supply current | | < 5 mA |
| Voltage drop | U_d | < 1 V |
| Switching element | | Hall (south activated), typ. 10 mT |
| Short-circuit protection | | current limit |
| Frequency of operating cycles | f | 20 kHz |
| Assembly position | | optional |
| False polarity protection | | yes |
| Corresponding magnet | | T-62 N/S |

Electromagnetic compatibility (EMC)

| | |
|---|---------------|
| Electromagnetic field test | IEC 61000-4-3 |
| Electrostatic discharge test | IEC 61000-4-2 |
| Electrical fast transient immunity test (Burst) | IEC 61000-4-4 |
| Radiated disturbance field strength | EN 55011 |

Mechanical Data

| | |
|-------------------------|---|
| Enclosure | PA 66 |
| Ambient air temperature | -25 °C ... +70 °C (cabel fixed mounted) |
| Type of protection | IP67 acc. to IEC 529, EN 60529 |
| Termination type | cabel 3 x 0,14 mm ² x 2 m; PVC-Outer jacket, black |
| For attachment | none |

EU Conformity



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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