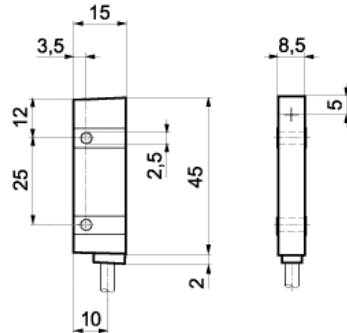


## Magnetic sensors

## MDFK 08G8124

## dimension drawing



## general data

|                  |                                      |
|------------------|--------------------------------------|
| air gap          | < 0,5 mm                             |
| pulse/revolution | 512 pulses ring magnet 32 pole-pairs |
| measuring step   | 2048                                 |
| interpolation    | 16 times                             |

## electrical data

|                             |                     |
|-----------------------------|---------------------|
| switching frequency         | < 3200 kHz          |
| voltage supply range +Vs    | 8 ... 28 VDC        |
| current consumption max.    | 30 mA               |
| output circuit              | 3 channel push-pull |
| output signal               | CH A/B/N            |
| output current              | < 50 mA             |
| voltage drop Vd             | < 2 VDC             |
| short circuit protection    | yes                 |
| reverse polarity protection | yes                 |

## mechanical data

|                  |                         |
|------------------|-------------------------|
| type             | rectangular             |
| housing material | PC                      |
| dimension        | 15 mm                   |
| housing length   | 45 mm                   |
| connection types | cable PUR 5 x 0,14, 2 m |

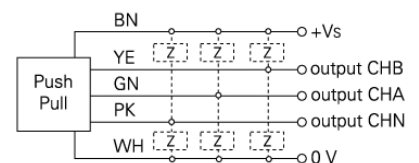
## ambient conditions

|                       |                |
|-----------------------|----------------|
| operating temperature | -25 ... +85 °C |
| protection class      | IP 67          |

## photo



## connection diagram



## mounting

