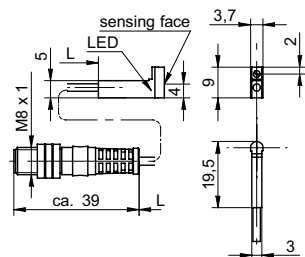


## Magnetic cylinder sensors

## MZCK 03P1012/KS35D

## dimension drawing



## general data

|                         |                   |
|-------------------------|-------------------|
| type                    | magneto-resistive |
| version                 | C-slots           |
| nominal operation point | 4 mT              |
| difference ON-OFF       | 0,5 ... 1,5 mT    |
| output indicator        | LED yellow        |

## electrical data

|                                    |                    |
|------------------------------------|--------------------|
| switching frequency                | < 200 kHz          |
| response time / release time       | < 0,0025 ms        |
| output circuit                     | PNP                |
| current consumption max. (no load) | 12 mA              |
| output current                     | < 200 mA           |
| voltage supply range +Vs           | 5 ... 30 VDC       |
| output function                    | normally open (NO) |
| voltage drop Vd                    | < 1 VDC            |
| reverse polarity protection        | yes                |

## mechanical data

|                  |                                    |
|------------------|------------------------------------|
| cable output     | lateral                            |
| connection types | flylead connector PUR M8, L=300 mm |
| type             | rectangular                        |
| depth            | 9 mm                               |
| width / diameter | 3,7 mm                             |
| height / length  | 19,5 mm                            |
| housing material | PA66                               |

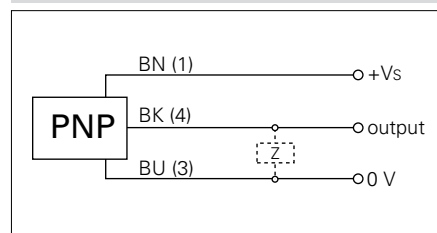
## ambient conditions

|                       |                |
|-----------------------|----------------|
| operating temperature | -10 ... +70 °C |
| protection class      | IP 67          |

## photo



## connection diagram



- Oil- and salt water climate resistant