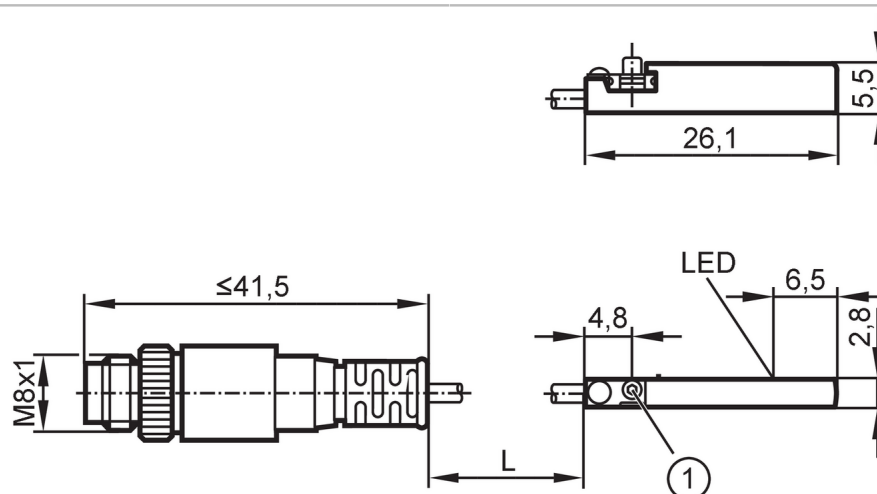


# MK5322



## C-slot cylinder sensor

MKC3028BBPKG/G/0,5M/ZH/ASR



1 Fastening clamp



### Product characteristics

|                   |                  |
|-------------------|------------------|
| Electrical design | PNP              |
| Output function   | normally open    |
| Dimensions [mm]   | 26.1 x 2.8 x 5.5 |

### Electrical data

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Operating voltage [V]         | 10...30 DC; (cULus - Class 2 source required) |
| Current consumption [mA]      | < 10                                          |
| Protection class              | III                                           |
| Reverse polarity protection   | yes                                           |
| Max. power-on delay time [ms] | 30                                            |

### Outputs

|                                                      |               |
|------------------------------------------------------|---------------|
| Electrical design                                    | PNP           |
| Output function                                      | normally open |
| Max. voltage drop switching output DC [V]            | 2.5           |
| Permanent current rating of switching output DC [mA] | 100           |
| Switching frequency DC [Hz]                          | 10000         |
| Short-circuit protection                             | yes           |
| Overload protection                                  | yes           |

### Monitoring range

|                           |      |
|---------------------------|------|
| Magnetic sensitivity [mT] | 2.8  |
| Travel speed [m/s]        | > 10 |

### Accuracy / deviations

|                    |       |
|--------------------|-------|
| Hysteresis [mm]    | 1.5   |
| Repeatability [mm] | < 0.2 |

### Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -25...85 |
|--------------------------|----------|

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|            |              |
|------------|--------------|
| Protection | IP 65; IP 67 |
|------------|--------------|

Tests / approvals

|             |                           |                |
|-------------|---------------------------|----------------|
| EMC         | EN 61000-4-2 ESD          | - CD / 8 kV AD |
|             | EN 61000-4-3 HF radiated  | 10 V/m         |
|             | EN 61000-4-4 Burst        | 2 kV           |
|             | EN 61000-4-6 HF conducted | 10 V           |
|             | EN 55011                  | class B        |
| MTTF        | [years]                   | 3731           |
| UL approval | UL approval number        | C008           |

Mechanical data

|                  |      |                                                              |
|------------------|------|--------------------------------------------------------------|
| Weight           | [g]  | 14                                                           |
| Mounting         |      | flush mountable                                              |
| Type of mounting |      | fastening clamps with hexagon socket, width across flats 0.9 |
| Cylinder type    |      | C-slot cylinders                                             |
| Dimensions       | [mm] | 26.1 x 2.8 x 5.5                                             |
| Material         |      | housing: PA; Fastening clamp: stainless steel                |

Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 1 x LED, yellow |
|---------|------------------|-----------------|

Accessories

|                |              |
|----------------|--------------|
| Items supplied | Allen key: 1 |
|----------------|--------------|

Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection - plug

Cable: 0.5 m, PUR

Connector: 1 x M8; coding: A; Contacts: 4; Locking: Knurled nut, rotatable



Connection

