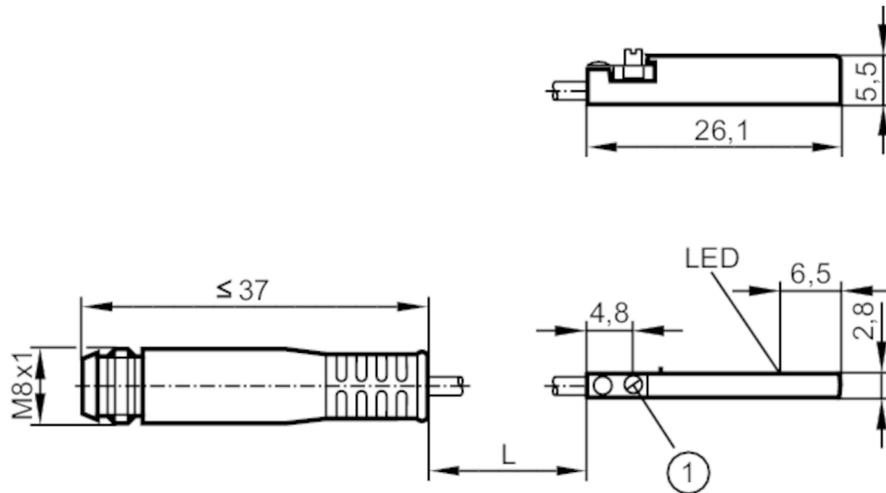


MK5353



C-slot cylinder sensor

MKC3028BBPKG/G/0,3M/ZH/AS



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 |
| Type of short-circuit protection | yes (non-latching) |
| 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 |

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Operating conditions

| | | |
|---------------------|------|--------------|
| Ambient temperature | [°C] | -25...85 |
| 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 |
| UL approval | UL approval number | C008 |

Mechanical data

| | | |
|---------------|------|--|
| Weight | [g] | 12.2 |
| Mounting | | flush mountable |
| Cylinder type | | C-slot cylinders |
| Dimensions | [mm] | 26.1 x 2.8 x 5.5 |
| Material | | housing: PA; Fastening clamp: stainless steel; protective tube: PTFE |

Displays / operating elements

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

Remarks

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

Electrical connection - plug

Cable: 0.3 m, PUR; protective tube

Connector: 1 x M8; coding: A; Locking: snap-fit



Connection

