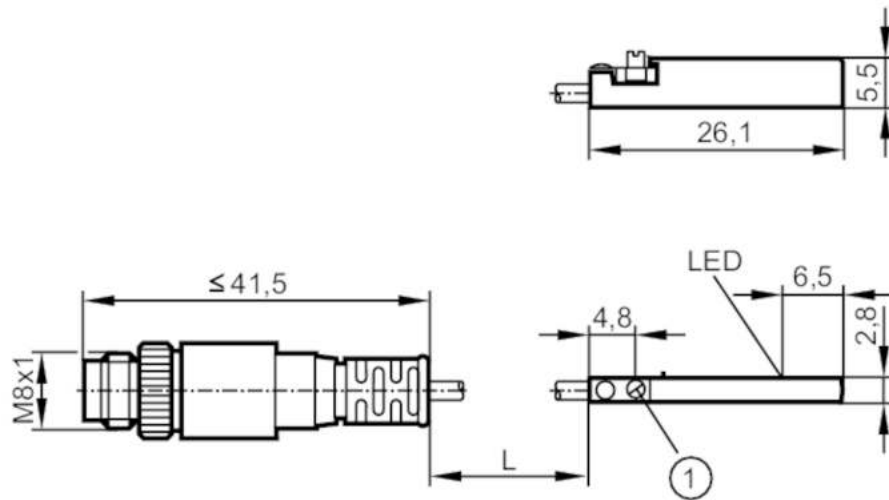


MK5311



Cylinder sensor with GMR cell

MKC3028BBPKG/G/0,3M/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; ("supply class 2" to cULus) |
| 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 |

Detection zone

| | |
|---------------------------|------|
| Response 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 no. | C008 |

Mechanical data

| | |
|-----------------|---|
| Weight [g] | 12.3 |
| Mounting | flush mountable |
| Cylinder type | C-slot cylinders |
| Dimensions [mm] | 26.1 x 2.8 x 5.5 |
| Materials | housing: PA; fastening clamp: stainless steel |

Displays / operating elements

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

Remarks

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

Electrical connection - plug

Cable: 0.3 m, PUR

Connector: 1 x M8; coding: A; Locking: knurled nut, rotatable



Connection

