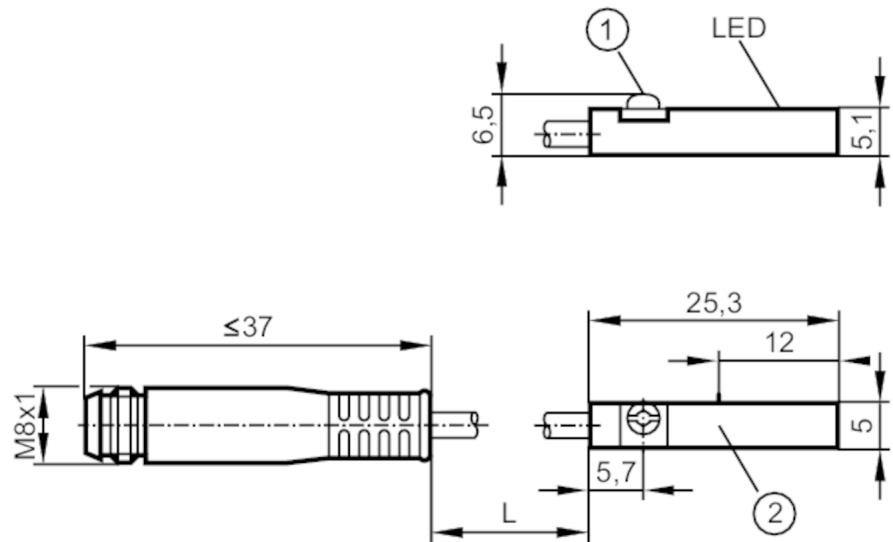


# MK5155



## T-slot cylinder sensor

MKT3020BAPKG/A/0,3M/ZH/AS



- 1 Fastening clamp  
2 sensing face



### Product characteristics

|                   |                 |
|-------------------|-----------------|
| Electrical design | PNP             |
| Output function   | normally closed |
| Dimensions [mm]   | 25 x 5 x 6.5    |

### 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 closed |
| Max. voltage drop switching output DC [V]            | 2.5             |
| Permanent current rating of switching output DC [mA] | 100             |
| Switching frequency DC [Hz]                          | 6000            |
| Short-circuit protection                             | yes             |
| Overload protection                                  | yes             |

### Monitoring range

|                           |      |
|---------------------------|------|
| Magnetic sensitivity [mT] | 2    |
| Travel speed [m/s]        | > 10 |

### Accuracy / deviations

|                 |   |
|-----------------|---|
| Hysteresis [mm] | 1 |
|-----------------|---|

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

### 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        |
| MTTF        | [years]                   | 2076           |
| UL approval | UL approval number        | C003           |

### Mechanical data

|                  |      |                                                                             |
|------------------|------|-----------------------------------------------------------------------------|
| Weight           | [g]  | 12.1                                                                        |
| Mounting         |      | flush mountable                                                             |
| Type of mounting |      | fastening clamp with combined slot / hexagon socket, width across flats 1.5 |
| Cylinder type    |      | T-slot cylinders                                                            |
| Dimensions       | [mm] | 25 x 5 x 6.5                                                                |
| Material         |      | housing: PA; Fastening clamp: stainless steel                               |

### Displays / operating elements

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

### Accessories

|                |                       |
|----------------|-----------------------|
| Items supplied | rubber memory stop: 1 |
|                | cable clip: 1         |

### Remarks

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

### Electrical connection - plug

Cable: 0.3 m, PUR

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



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### Connection

