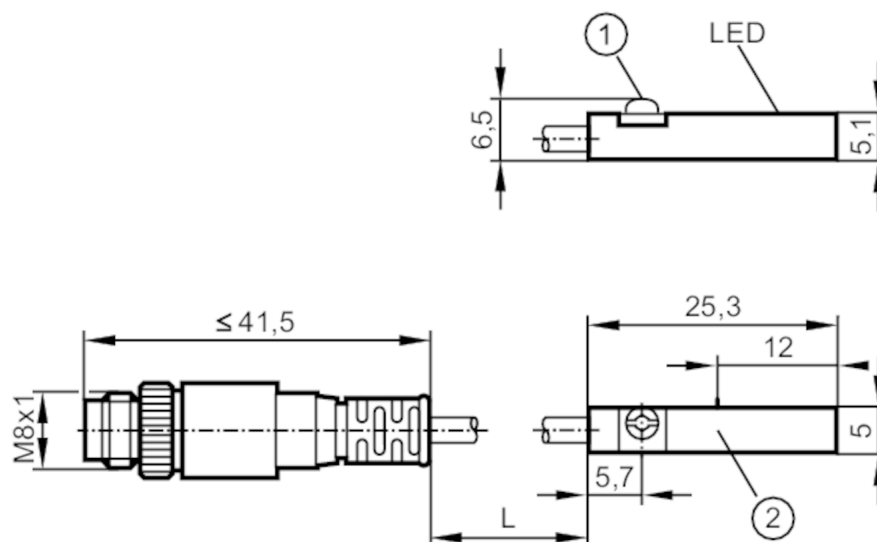


MK5171



T-slot cylinder sensor

MKT3020BBPKG/A/0,5M/ZH/ASR



- 1 fastening clamp
- 2 Sensing face



Electrical data

Operating voltage	[V]	10...30 DC
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]	6000
Short-circuit protection		yes
Overload protection		yes

Detection zone

Response sensitivity	[mT]	2
Travel speed	[m/s]	> 10

Accuracy / deviations

Hysteresis	[mm]	1
Repeatability	[mm]	< 0.2

Operating conditions

Ambient temperature	[°C]	-25...85
Protection		IP 65; IP 67

MK5171



T-slot cylinder sensor

MKT3020BBPKG/A/0,5M/ZH/ASR

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]	2064
UL approval	UL Approval no.	C003

Mechanical data		
Weight	[g]	16.6
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
Materials		housing: PA; fastening clamp: stainless steel

Displays / operating elements		
Display	switching status	1 x LED, yellow

Electrical connection	
Connection	plug

Accessories	
Accessories (supplied)	rubber placeholder: 1
	Cable clip: 1

Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection - plug

Cable: 0.5 m, PUR

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



MK5171

T-slot cylinder sensor

MKT3020BBPKG/A/0,5M/ZH/ASR



Connection

