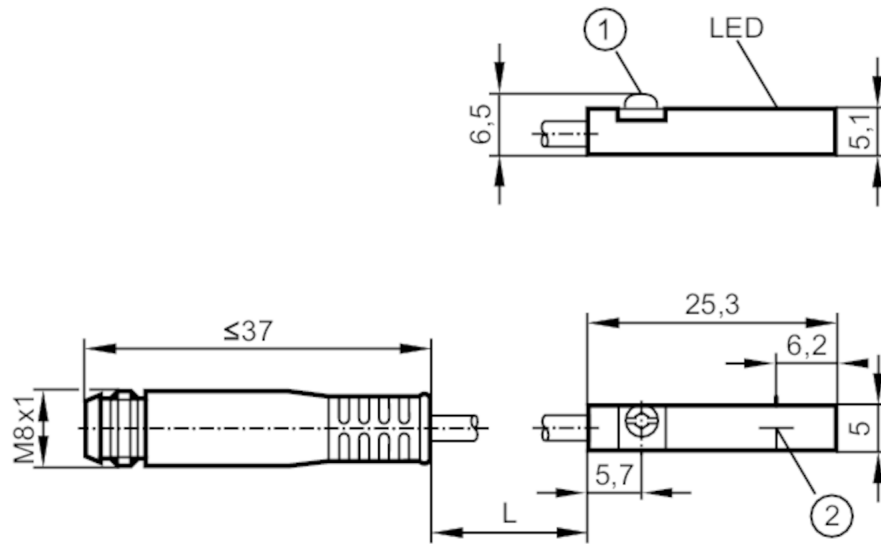


MK5101



T-slot cylinder sensor

MKT3028BBPKG/G/0,3M/ZH/AS



- 1 fastening clamp
2 Sensing face



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
Protection		IP 65; IP 67

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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]	3694
UL approval	UL Approval no.	C003
Mechanical data		
Weight	[g]	12
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		
Pack quantity	1 pcs.	
Electrical connection - plug		
Cable: 0.3 m, PUR		
Connector: 1 x M8; Locking: snap-fit		
		

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Connection

