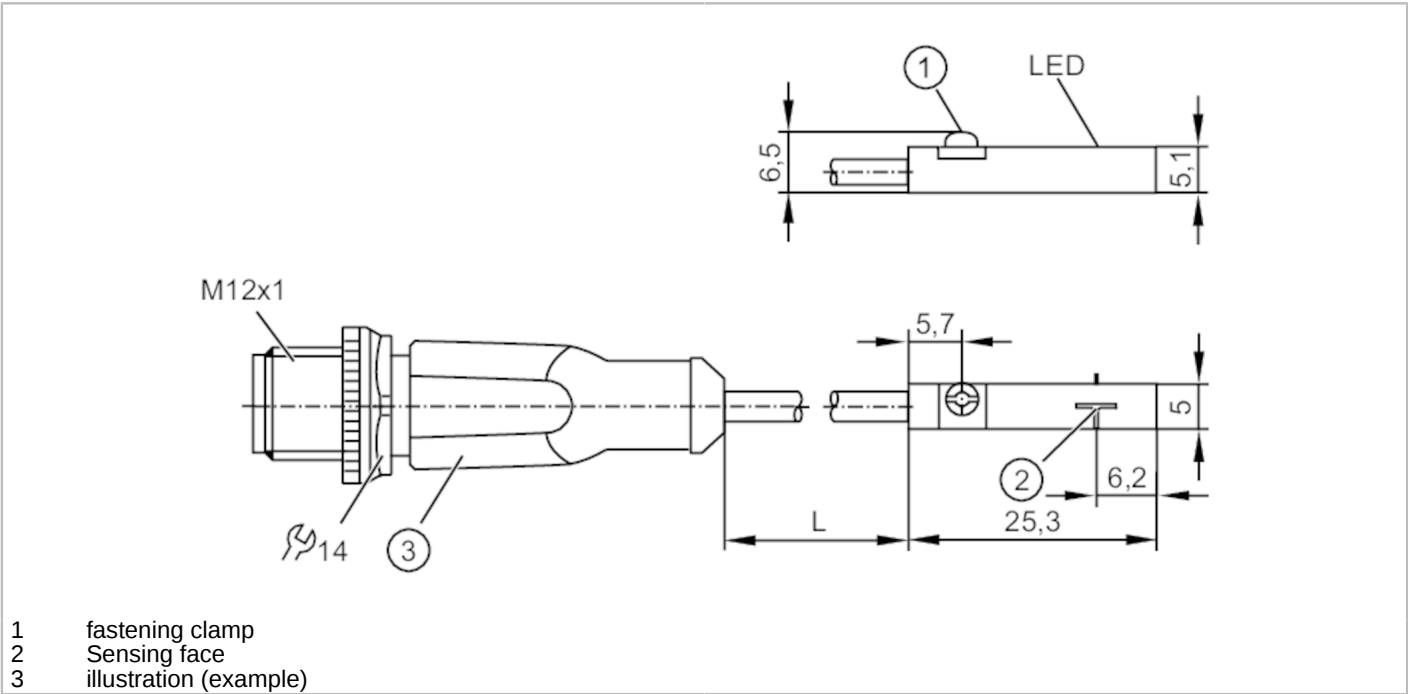


MK5131



T-slot cylinder sensor

MKT3028BBPKG/G/1,0M/ZH/US



Product characteristics		
Electrical design		PNP
Output function		normally open
Dimensions	[mm]	25 x 5 x 6.5
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]	200
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

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Repeatability	[mm]	< 0.2
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Operating conditions

Ambient temperature	[°C]	-25...85
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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 61000-4-5 Surge	0,5 kV line to line, Ri: 2 Ohm
	EN 61000-4-6 HF conducted	10 V
	EN 55011	class B

MTTF	[years]	3694
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UL approval	UL Approval no.	C003
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Mechanical data

Weight	[g]	29.3
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Mounting	flush mountable
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Type of mounting	fixing element with combined head slot / hexagon socket AF 1.5
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Cylinder type	T-slot cylinders
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Dimensions	[mm]	25 x 5 x 6.5
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Materials	PA; stainless steel
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Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	rubber placeholder: 1
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	Cable clip: 1
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 1 m, PUR

Connector: 1 x M12; coding: A; Locking: knurled nut, rotatable



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Connection

