

MK5193



T-slot cylinder sensor

MKT3020BBPKG/A/0,15M/ZH/AS



- 1 fastening clamp
2 sensing face



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
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

MK5193



T-slot cylinder sensor

MKT3020BBPKG/A/0,15M/ZH/AS

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]	2064
------	---------	------

UL approval	UL Approval no.	C003
-------------	-----------------	------

Mechanical data

Weight	[g]	10.4
--------	-----	------

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
---------	------------------	-----------------

Accessories

Items 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: 0.15 m, PUR

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



MK5193



T-slot cylinder sensor

MKT3020BBPKG/A/0,15M/ZH/AS

Connection

