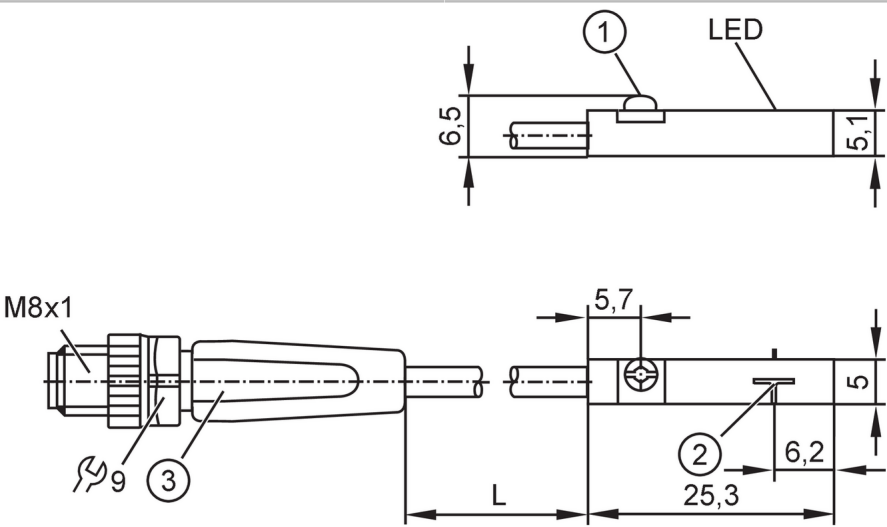


MK5122



T-slot cylinder sensor

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



- 1 Fastening clamp
- 2 sensing face
- 3 illustration (example)



Product characteristics		
Electrical design		PNP
Output function		normally open
Dimensions	[mm]	25.3 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 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
Monitoring range		
Magnetic sensitivity	[mT]	2.8
Travel speed	[m/s]	> 10
Accuracy / deviations		
Hysteresis	[mm]	< 1.5

MK5122



T-slot cylinder sensor

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

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]	3694
------	---------	------

UL approval	UL approval number	C003
-------------	--------------------	------

Mechanical data

Weight	[g]	22.7
--------	-----	------

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]	25.3 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: 1 m, PUR

Connector: 1 x M8; coding: A; Contacts: 3; Locking: Knurled nut, rotatable



MK5122



T-slot cylinder sensor

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

Connection

