



## RZT1

The economical solution for pneumatic cylinders with T-Slot

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Output function</b>	NO / NC (depending on type)
<b>Cylinder types with adapter</b>	Profile cylinder Tie rod cylinder Round body cylinder Dovetail groove cylinder SMC rail CDQ2 SMC rail ECDQ2
<b>Housing length</b>	30.5 mm
<b>Output function</b>	NO / NC (depending on type)
<b>Cylinder types with adapter</b>	Profile cylinder Tie rod cylinder Round body cylinder Dovetail groove cylinder SMC rail CDQ2 SMC rail ECDQ2
<b>Housing length</b>	30.5 mm

## Product description

The RZT1 magnetic cylinder sensor is used for determining the positions of pistons in pneumatic cylinders. The RZT1 is a rugged IP 67-rated reed sensor that is resistant to liquids. RZT1 sensors, which can be mounted directly into the T-slot from above, are a reliable and economical sensor solution for pneumatic cylinders.

## At a glance

- Compact housing design
- Complete range with Reed 3-wire, Reed 2-wire, and Reed 230 V version
- LED function indicator
- For all commonly used cylinders with T-slots, e.g., Festo or SMC and it can be applied to multiple cylinders types such as round, tie-rod, integrated profile or dove-tail cylinders with mounting brackets

## Your benefits

- Drop-in T-slot mounting from above makes assembly easy
- Easy installation with Allen wrench
- Resistant to shock, vibration and liquids, enlarging sensor life time

## Ordering information

Other models and accessories → [www.sick.com/RZT1](http://www.sick.com/RZT1)

- **Switching output:** Reed
- **Communication interface:** -

Connection type	Output function	Electrical wiring	Type	Part no.
Cable with connector M8, 3-pin, 0.24 m	NO	AC/DC 2-wire	RZT1-03ZUS-KPOS08	1059113
Cable with connector M8, 3-pin, 0.3 m	NO	AC/DC 2-wire	RZT1-03ZUS-KP0	1025381
		AC/DC 3-wire	RZT1-03ZRS-KP0	1016912
Cable with connector M8, 3-pin, with knurled nuts, 0.5 m	NO	AC/DC 3-wire	RZT1-03ZRS-KR0	1019698
Cable, 2-wire, 2.5 m	NO	AC/DC 2-wire	RZT1-03ZUS-KWD	1025380
Cable, 2-wire, 2 m	NC	AC/DC 2-wire	RZT1-03ZUO-KW0	1026469
	NO	AC/DC 2-wire	RZT1-03ZUS-KU0	1043567
			RZT1-03ZUS-KW0	1046001
Cable, 2-wire, 5 m	NC	AC/DC 2-wire	RZT1-03ZUO-KWB	1069904
	NO	AC/DC 2-wire	RZT1-03ZUS-KWB	1029602
			RZT1-03ZUS-KWBS09	1069908
Cable, 3-wire, 10 m	NO	AC/DC 3-wire	RZT1-03ZRS-KWD	1022786
Cable, 3-wire, 2 m	NO	AC/DC 3-wire	RZT1-03ZRS-KW0	1016911
Cable, 3-wire, 3 m	NO	AC/DC 3-wire	RZT1-03ZRS-KWA	1028079
Cable, 3-wire, 5 m	NO	AC/DC 3-wire	RZT1-03ZRS-KWB	1018579

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)