



RZN

Reed contact cylinder sensors: for IMI Norgren cylinders

SICK
Sensor Intelligence.



Technical data overview

Output function	NO
Cylinder types with adapter	Round body cylinder
Housing length	29.5 mm



Product description

The RZN reed contact cylinder sensor reliably detects the position of the magnetic piston in pneumatic cylinders and drives from IMI Norgren. Due to its special design, the RZN cylinder sensor is particularly well-suited for mounting in the integrated switch slot of pneumatic cylinders and drives from IMI Norgren. The RZN reed contact cylinder sensor is simply screwed into the switch slot and can be quickly and securely fastened to the pneumatic cylinder. The RZN sinks completely into the slot after mounting.

At a glance

- Special housing shape for the switch groove of pneumatic cylinders and actuators from IMI Norgren.
- The RZN reed contact cylinder sensor sinks completely into the slot.

Your benefits

- Optimal fit in switch slot of cylinders with magnetic piston from IMI Norgren, thanks to special housing shape
- Quick and easy mounting of the RZN reed contact cylinder sensor The RZN sensors are screwed into the switch slot from above
- Space-saving mounting, as the RZN sinks completely into the switch slot
- The rugged mounting holds the RZN cylinder sensor in the desired position and withstands even high shock and vibration loads
- Thanks to the mechanical reed contact, load currents of up to 500 mA can be switched

Fields of application

- End position detection in pneumatic cylinders

Ordering information

Other models and accessories → www.sick.com/RZN

- **Connection type:** Cable, 2-wire
- **Switching output:** Reed
- **Output function:** NO
- **Overrun distance, typ.:** 10 mm
- **Enclosure rating:** IP67
- **Supply voltage:** 5 V AC/DC ... 240 V AC/DC
- **Electrical wiring:** AC/DC 2-wire

Type	Part no.
RZN-03ZWS-KUB	1117648
RZN-03ZWS-KW0	1117647
RZN-03ZWS-KWB	1117646
RZN-03ZWS-KWD	1117645

- **Connection type:** Cable with connector M8, 3-pin
- **Switching output:** Reed
- **Output function:** NO

Overrun distance, typ.	Enclosure rating	Supply voltage	Electrical wiring	Type	Part no.
10 mm	IP67	5 V AC/DC ... 30 V AC/DC	AC/DC 2-wire	RZN-03ZUS-KP0	1117649

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