6044635

Industrial automation components

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Manufacturer	Sick
Catalog number	6044635
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	SICK
Part Number	TR110-SRUCA00
Product Type	Transponder Safety Switch
Series	TR110 Lock
Locking Principle	Power to Release
Connector Type	8-pin and 5-pin M12
Housing Material	Glass-fiber Reinforced Thermoplastic
Locking Force	Up to 3,900 N
Operating Voltage	24V DC V
Operating Temperature Range	-20°C to +55°C
Ingress Protection	IP67 and IP69K

Description

The SICK TR110-SRUCA00 is a transponder safety switch from the TR110 Lock series, designed to enhance machine safety by combining RFID technology with mechanical locking mechanisms. This device operates on the 'power to release' principle, ensuring that the actuator is only released when power is applied, thereby preventing unauthorized access. It features both 8-pin and 5-pin M12 connectors for flexible integration into various systems. The housing is constructed from glass-fiber reinforced thermoplastic, offering durability and resistance to harsh industrial environments. With a locking force of up to 3,900 N, it provides robust protection against tampering. The device is rated for 24V DC operation and has an operating temperature range of -20°C to +55°C, making it suitable for diverse

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applications. Additionally, it meets IP67 and IP69K ingress protection standards, ensuring resistance to dust and water ingress. The TR110-SRUCA00 is ideal for safeguarding hazardous areas with full or partial body access, protecting personnel from dangerous machine movements.

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