Release







Model number

VAZ-IEI1-TAG1-S

RFID actuator for non-contact AS-Interface safety switches

Features

- Battery-free code carrier
- Large coverage area with mismatch
- No contact bounce
- High circumvention security
- Good long-term stability

Function

In combination with the VAZ-IEI1-TAG1-S actuator, the VAZ-IEI1-READER1-S-V3 read head is a safety device for monitoring separately moving protective devices. The non-contact actuator functions with transponder coding. Each actuator has a unique electronic code.

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Directive conformity

Standard conformity

Functional safety

EMC Directive 2004/108/EC

The actuator is attached to the moving part of the protective device. The read head, which is attached to the stationary part of the protective device, transmits the read-in code to the VAA-4E-IEI1-CONTROL-J-S control interface. The control interface compares the read-in bit pattern with the stored code. On verification of the data, a signal is sent via the AS-Interface that the protective device is closed. Evaluation takes place via a safety

The Niro safety screws, which are included in the scope of supply, can be screwed in with a normal tool and prevent unscrewing.

Accessories

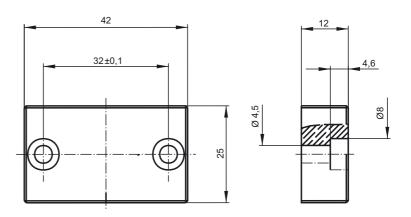
V3-GM-5M-PUR-ABG43-V1-G

Connection cable, M8 to M12, PUR cable, 3-pin

V3-GM-2M-PUR-ABG43-V1-G

Connection cable, M8 to M12, PUR cable, 3-pin

Dimensions



Technical data	
General specifications	
Detection type	inductive
UL File Number	E179102
Functional safety related parameters	
Safety Integrity Level (SIL)	SIL 3
Performance level (PL)	PLe
Electrical specifications	
Power supply	inductive over reading head
Ambient conditions	
Ambient temperature	-25 70 °C (-13 158 °F)
Mechanical specifications	
Protection degree	IP67 / IP69K
Material	
Housing	PPS
Installation	Active surface facing Read head
Mass	20 g
General information	
Scope of delivery	1 actuator; 2 safety screws, M4 x 14
Compliance with standards and directi-	•

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DIN EN 954-1, EN ISO 13849-1 (up to PL_d)

Refer to "General Notes Relating to Pepperl+Fuchs Product Information"

Matching system components

VAZ-IEI1-READER1-S-V3

RFID read head for non-contact AS-Interface safety switches

VAA-4E-IEI1-CONTROL-J-S

Evaluation unit for RFID read heads, noncontact safety switches

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