

## ITEM 095046 NZ2RS-538SEM4AS1

Description	Technical data	Accessories	Downloads
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### Features

- › Version C according to EN 50041 NZ.RS (steel roller  $\varnothing$  12 mm)

### Switching direction

Right, left or both sides.

### AS-Interface inputs

**D0, D1** Positively driven NC contact 1  
**D2, D3** Positively driven NC contact 2  
Evaluation is performed via a safety monitor.

### AS-Interface outputs

**D1** Red LED  
**D2** Green LED

### LED function display

- › The Power LED indicates the operating voltage on the bus.

- › The Fault LED indicates if a fault has been detected on the AS-Interface bus.
- › The green and the red LEDs can be controlled as required by the control system via the bus using bits D1 and D2.

## Approvals



## Mechanical values and environment

Housing material	Anodized die-cast alloy
Weight	Net 0,3 kg
Ambient temperature	-25 ... 70 °C
Degree of protection	IP67
Mechanical life	30 x 10 <sup>6</sup>
Contact material	Silver alloy, gold flashed
Switching principle	Slow-action switching contact
Installation position	Any
Number of door position positively driven contacts	
According to ASI Safety at work	2 D0, D1, D2, D3 [1]
Connection	
	1 x Plug connector M12 [2]
Approach speed	
	max. 0,1 ... 20 m/min
Actuating element	
Plain bearing metal	Roller plunger [3]
Actuating force	min.30 N

## Electrical connection ratings

ASi voltage	22,5 ... 30 V 31,6 V
ASi operating current	max.45 mA
ASi slave type	
According to ASI specification 2.1	ID code B
According to ASI specification 2.1	EA code 7
ASi data in	
According to ASI Safety at work	D0, D1 / D2, D3 [4]
ASi data out	
	LED red D1 [5]
	LED green D2 [6]
ASi LED	
	LED green Power [7]

**Reliability values acc. to EN ISO 13849-1**B10<sub>D</sub> $20 \times 10^6$ 

[1] 1 = Door closed

[2] 4-pin

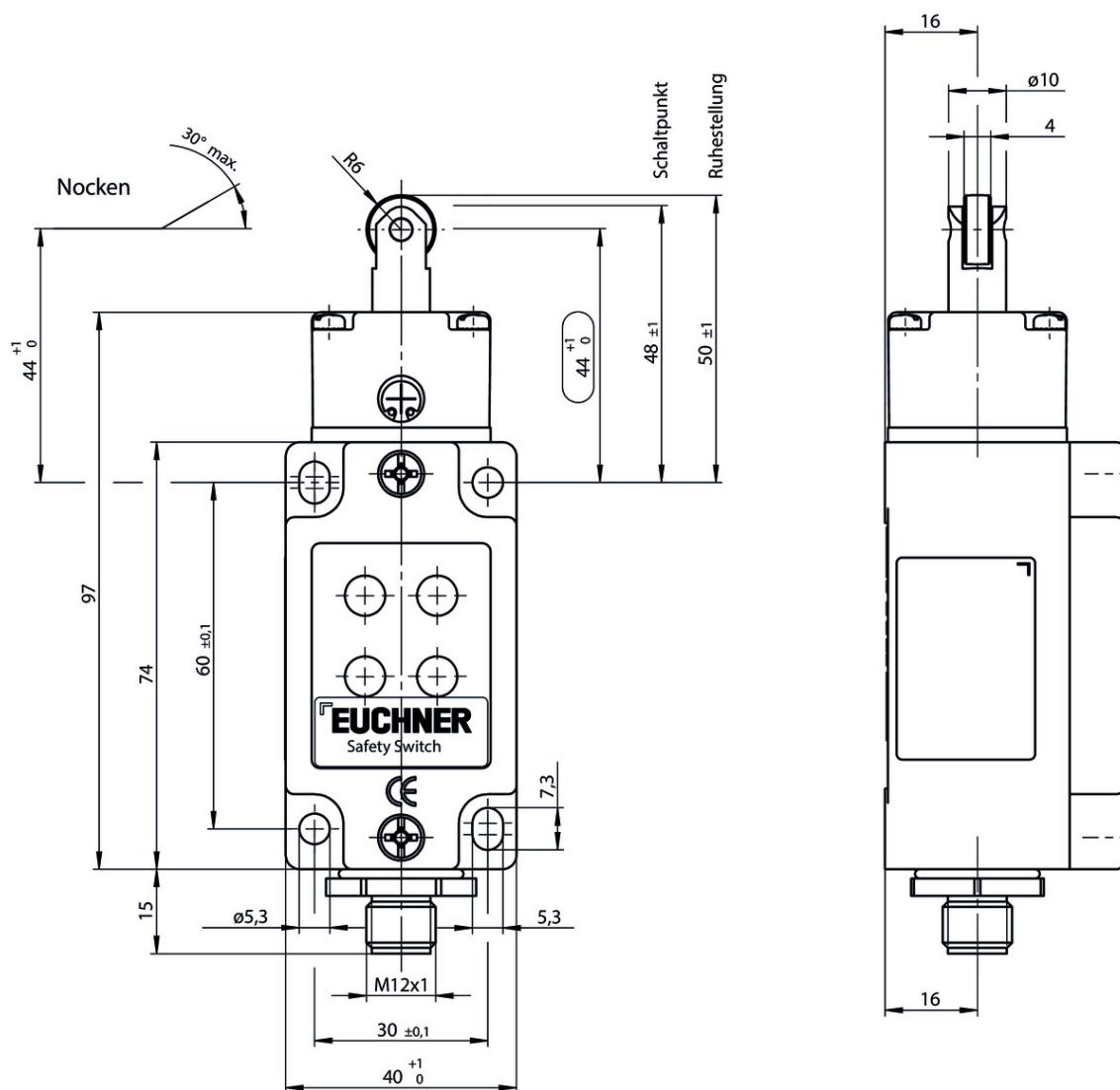
[3] Steel roller d roller = 12 mm

[4] See positively driven NC contact

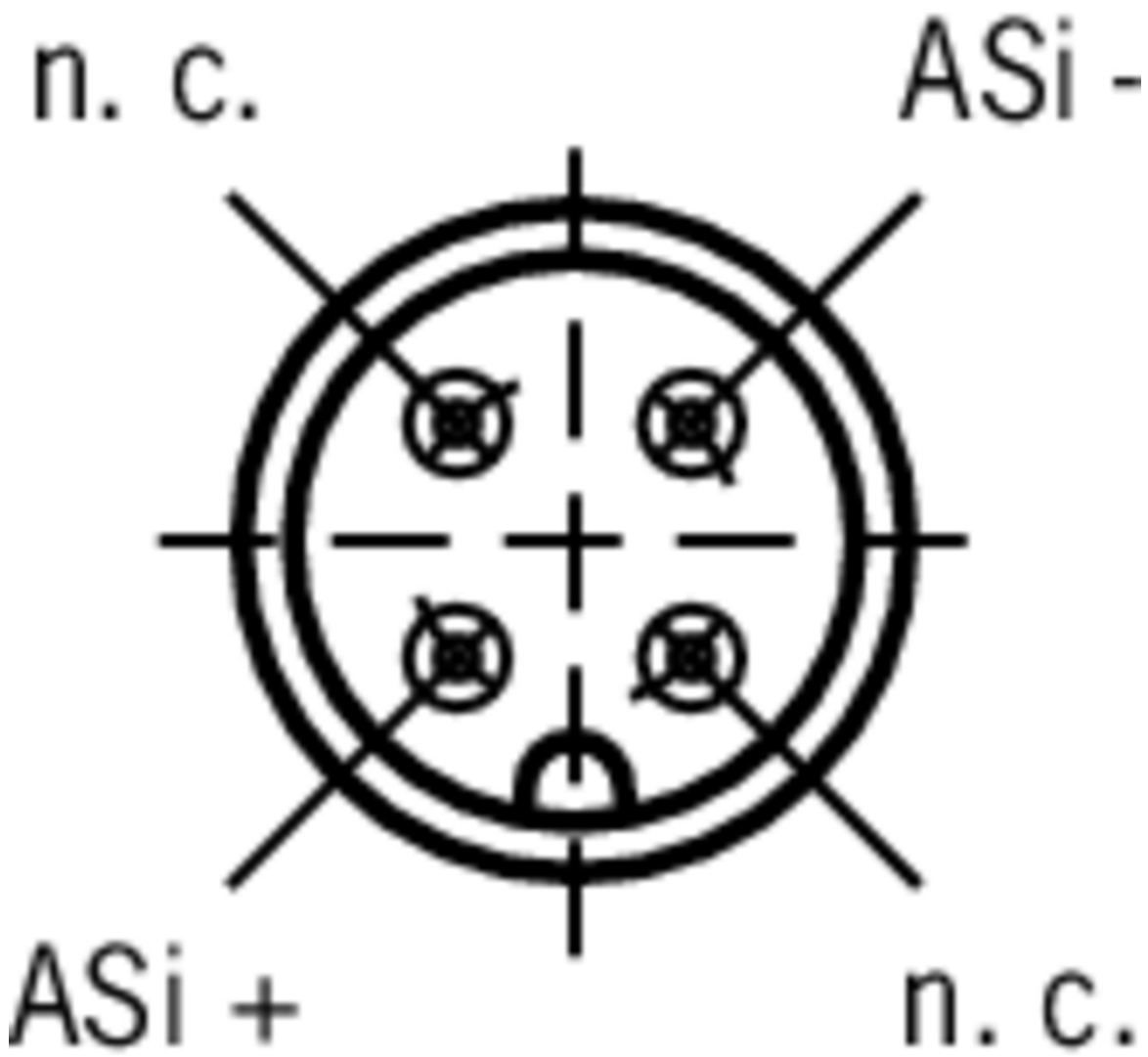
[5, 6] 1 = LED on

[7] Asi voltage is present

[8] Offline phase or address 0

**Dimension drawing**

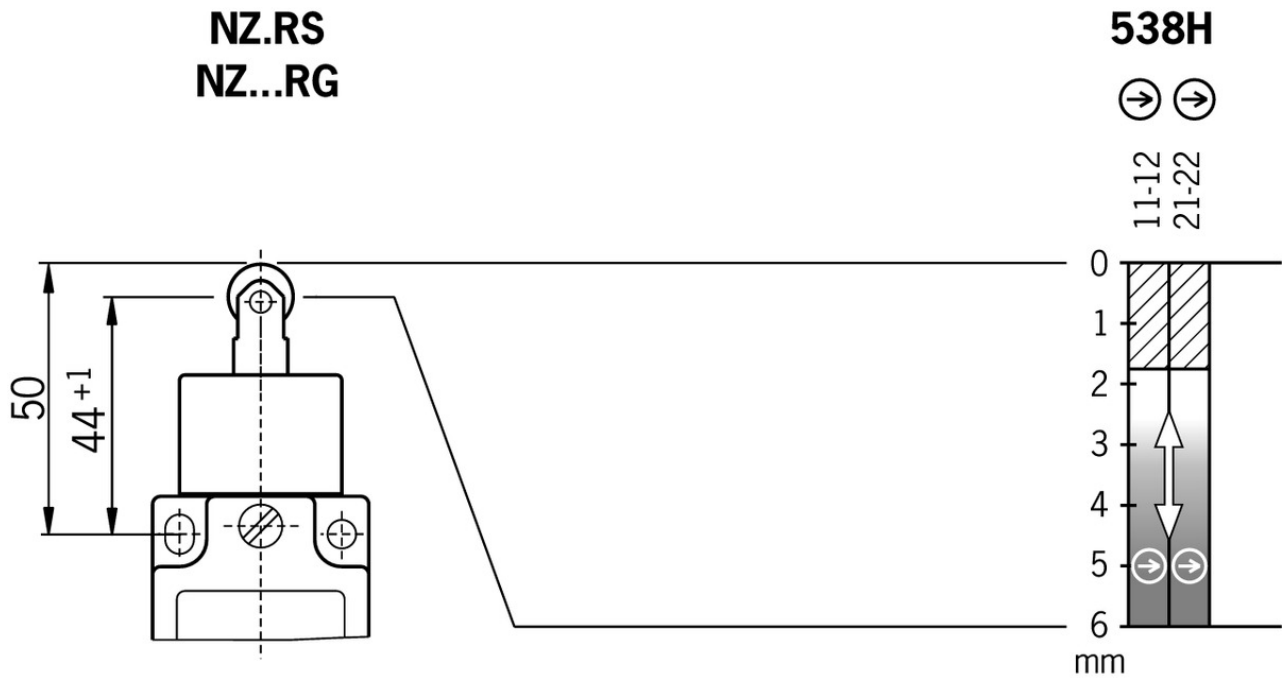
**Connector assignment**



**Legende**

View of connection side

## Travel diagram



## Instructions

- ▼ Betriebsanleitung Sicherheitsschalter NZ.D.../NZ.W.../NZ.R... AS1

	Doc. no.	Version	Language	Download
Betriebsanleitung Sicherheitsschalter NZ.D.../NZ.W.../NZ.R... AS1 Operating Instructions Safety Switch NZ.D.../NZ.W.../NZ.R... AS1	095118	04-02/16	 	0.5 MB

## Catalogs

- ▼ Sicherheitsschalter mit AS-Interface Safety Switches with AS-Interface Interrupteurs de sécurité avec AS-Interface

	Doc. no.	Version	Language	Download
Sicherheitsschalter mit AS-Interface	092164	11-04/17		2.3 MB
Interrupteurs de sécurité avec AS-Interface	112564	11-04/17		2.3 MB
Safety Switches with AS-Interface	092332	11-04/17		2.3 MB

## Declaration of conformity

- ▼ EU prohlášení o shodě

Doc. no.	Version	Language	Download
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EU-Konformitätserklärung	2077153	25-02/17		 0.3 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity				
EU prohlášení o shodě	2077153	25-02/17		 0.5 MB
EU-overensstemmelseserklæring				
Δήλωση συμμόρφωσης της ΕΕ				
EU-vaatimustenmukaisuusvakuutus				
EU-típusbizonyítvány				
EU-conformiteitsverklaring				
Deklaracja zgodności UE				
Declaração de Conformidade UE				
Declarația de conformitate UE				
EÚ vyhlásenie o zhode				

### CAD data

CAD data for this item on TraceParts