

Position Switches

Series 8074/2



Contents

1	General Information	3
1.1	Manufacturer	3
1.2	Information about the Manual	3
1.3	Further Documents	3
1.4	Conformity with Standards and Regulations	3
2	Explanation of the Symbols	
2.1	Symbols used in this Manual	4
2.2	Warning Notes	4
2.3	Symbols on the Device	5
3	Safety Notes	5
3.1	Storage of the Manual	5
3.2	Personnel Qualification	5
3.3	Safe Use	6
3.4	Modifications and Alterations	6
4	Function and Device Design	7
4.1	Function	7
5	Technical Data	8
6	Transport and Storage	21
7	Mounting and Installation	21
7.1	Dimensions / Fastening Dimensions	22
7.2	Mounting / Dismounting, Operating Position	23
7.3	Installation	25
8	Commissioning	29
9	Maintenance, Overhaul, Repair	29
9.1	Maintenance	29
9.2	Overhaul	30
9.3	Repair	
9.4	Returning the Device	30
10	Cleaning	31
11	Disposal	31
12	Accessories and Spare Parts	31



1 General Information

1.1 Manufacturer

R. STAHL Schaltgeräte GmbH Am Bahnhof 30 74638 Waldenburg Germany

Phone: +49 7942 943-0 Fax: +49 7942 943-4333 Internet: www.r-stahl.com E-Mail: info@stahl.de

1.2 Information about the Manual

ID-No.: 257036 / 807460300070 Publication Code: 2018-07-04·HB00·III·en·03

The original instructions are the English edition. They are legally binding in all legal affairs.

1.3 Further Documents

- Data sheet
- Operating instructions

For documents in further languages, see www.r-stahl.com.

1.4 Conformity with Standards and Regulations

See certificates and EU Declaration of Conformity: www.r-stahl.com.

The device has IECEx approval. For certificate please refer to the IECEx homepage: http://iecex.iec.ch/

Further national certificates can be downloaded via the following link:

https://r-stahl.com/en/global/products/support/downloads/.



2 Explanation of the Symbols

2.1 Symbols used in this Manual

Symbol	Meaning
i	Tips and recommendations on the use of the device
EX	Danger due to explosive atmosphere
	Danger due to live components

2.2 Warning Notes

Warnings must be observed under all circumstances, in order to minimize the risk due to construction and operation. The warning notes have the following structure:

- Signalling word: DANGER, WARNING, CAUTION, NOTICE
- Type and source of danger/damage
- · Consequences of danger
- Taking countermeasures to avoid the danger or damage



DANGER

Danger to persons

Non-compliance with the instruction results in severe or fatal injuries to persons.



WARNING

Danger to persons

Non-compliance with the instruction can result in severe or fatal injuries to persons.



CAUTION

Danger to persons

Non-compliance with the instruction can result in light injuries to persons.

NOTICE

Avoiding material damage

Non-compliance with the instruction can result in material damage to the device and / or its environment.



2.3 Symbols on the Device

Symbol	Significance
C € 0158	CE marking according to the current applicable directive.
(Ex)	According to its marking, the device is certified for hazardous areas.
15649E00	Input
15648E00	Output
11048E00	Safety instructions that must always be observed: For devices with this symbol, the corresponding data and/or the safety-relevant instructions contained in this manual must be observed!

3 Safety Notes

3.1 Storage of the Manual

- Read the manual carefully.
- Store the manual at the mounting location of the device.
- Observe applicable documents and operating instructions of the devices to be connected.

3.2 Personnel Qualification

Qualified specialist personnel are required to perform the tasks described in this manual. This primarily applies to work in the following areas:

- · Project engineering
- Mounting/dismounting the device
- (Electrical) installation
- Commissioning
- Maintenance, repair, cleaning

Specialists who perform these tasks must have a level of knowledge that meets applicable national standards and regulations.

Additional knowledge is required for tasks in hazardous areas! R. STAHL recommends having a level of knowledge equal to that described in the following standards:

- IEC/EN 60079-14 (Electrical installations design, selection and construction)
- IEC/EN 60079-17 (Inspection and maintenance of electrical installations)
- IEC/EN 60079-19 (Equipment repair, overhaul and reclamation)



3.3 Safe Use

Before assembly

- Read and observe the safety notes in this manual.
- Ensure that the contents of this manual are fully understood by the personnel in charge.
- Use the device in accordance with its intended and approved purpose only.
- Always consult with R. STAHL Schaltgeräte GmbH if using the device under operating conditions not covered by the technical data.
- Make sure that the device is not damaged.
- We are not liable for damage caused by incorrect or unauthorised use of the device or by non-compliance with this manual.

For mounting and installation

- Have mounting and installation performed only by qualified and authorised persons (see "Personnel qualification" section).
- The device is only to be installed in zones for which it is suited based on its marking.
- During installation and operation, observe the information (characteristic values and rated operating conditions) on the rating, data and information plates located on the device.
- Before installation, make sure that the device is not damaged.

Commissioning, maintenance, repair

- Only have commissioning and repairs performed by qualified and authorised persons (see "Personnel qualification" section).
- · Before commissioning, make sure that the device is not damaged.
- Only perform maintenance work described in this manual.
- The device must not be operated if there are dust deposits that are 50 mm thick, as stated in IEC/EN 61241-0.

3.4 Modifications and Alterations



DANGER

Explosion hazard due to modifications and alterations to the device! Non-compliance results in severe or fatal injuries.

• Do not modify or alter the device.



No liability or warranty for damage resulting from modifications and alterations.



4 Function and Device Design



DANGER

Explosion hazard due to improper use!

Non-compliance results in severe or fatal injuries.

- The device may only be used according to the operating conditions described in this manual.
- Use the device only for the intended purpose specified in this manual.

4.1 Function

Application range

Position switches position, control and monitor moving parts on machines and systems. Because they meet the requirements of the EN 50 041 and IEC 60947-5-1 product standards, they can also be used as a position switch with a safety function. Series 8074/2 position switches are certified for use in hazardous areas of Zones 1, 2, 21 and 22.

Mode of operation

In conjunction with a guard door monitor and the corresponding circuitry, the PL position switches reach "e" in accordance with EN ISO 13849-1, or up to SIL 3 in accordance with EN 62061.

They are identified with the \oplus character for positive opening operation.

There are snap and slow action versions in different forms of contacts as well as in a variety of different actuating elements.

Explosion Protection

Global (IECEx)

Gas and dust IECEx BVS 16.0085

Ex d e IIC T6 ... T5 Gb Ex tb IIIC T80°C Db

Europe (ATEX)

Gas and dust BVS 05 ATEX E 007

⟨□⟩ II 2 G Ex d e IIC T6 ... T5 Gb
 ⟨□⟩ II 2 D Ex tb IIIC T80°C Db

Certifications and certificates

Certificates IECEx, ATEX, Russia (TR)

Technical Data

Technical Data						
Version	8074/2W, -R	, -SR, -DL, -WH	, -WPH, -D, -DS	s, -DD		
Electrical data	Electrical data					
Rated operational voltage U _e				8074/2-1 8074/2-2 8074/2-5	8074/2-3	
	Alternating voltage for equal potential: Alternating voltage for unequal potential: Direct voltage:			max. 500 V max. 250 V 125 V	max. 400 V max. 250 V 125 V	
Rated operational current I _e		4.4 A: +70 °C (T6); 6.6 A: +70 °C (T5)				
Switching capacity	AC-12		AC-15		DC-12	
	8074/2-1 8074/2-2 8074/2-5	8074/2-3	8074/2-1 8074/2-2 8074/2-5	8074/2-3	8074/2	
	max. 250 V max. 500 V **) max. 4 A max. 5000 VA	max. 250 V max. 400 V **) max. 4 A max. 4000 VA	max. 250 V max. 500 V **) max. 4 A max. 1000 VA	max. 250 V max. 400 V **) max. 4 A max. 1000 VA	max. 125 V max. 4 A max. 400 W	
	**) only with the same potential					
Rated insulation voltage	250 V					
Rated impulse withstand voltage	4 kV					
Short circuit protection	6 A (time lag)					
Ambient conditions	Ambient conditions					
Operating temperature range	The state of the s	T6 (max. 4.4 A) T5 (max. 6.6 A)				



_			-
10	าทก	ıcal	Data
10	JI II I	ıvaı	vala

Version	8074/2AZ-20					
Electrical data	Electrical data					
Rated operational		8074/2AZ-20				
voltage U _e	Alternating voltage: Direct voltage:	250 V AC 230 V DC				
Rated operational current I _e	/ AC; 0 V DC					
Switching capacity	AC-15	DC-13				
	max. 250 V max. 6 A	max. 230 V max. 0.25 A				
Rated insulation voltage	250 V					
Rated impulse withstand voltage	4 kV					
Short circuit protection	6 A gN / gG					
Ambient conditions						
Operating temperature range	-20 to +40 °C (T6) -20 to +60 °C (T5)					

Version	8074/2W, -R, -SR, -DL,	-WH, -WPH, -D, -DS, -DD, -AZ-20			
Mechanical data					
Maximum switching frequency	max. 1800 operating cycle	max. 1800 operating cycles/h			
Degree of protection	IP66 -40 °C (DIN EN 6052	29)			
Mechanical shock resistance	Snap-action contact: Slow-action contact:	2 g 20 g			
Material					
Enclosure	Corrosion-resistant aluminium, powder-coated Similar to RAL 7016				
Cover	1.4401 stainless steel, bla	sted			
Mounting / Installation					
Cable entries	8161/7-M20 on the enclosure bottom:	1 x M20 x 1.5			
Connection	with cable entry 8161: For sheathed cable 4 x 2.5 mm ² (Ø 4 to 13 mm); 4 x 1.5 mm ² recommended				
Terminals	0.75 to 2.5 mm ² , 0.75 to 1.5 mm ² (8074/2AZ-20) solid, finely stranded with or without core end sleeve; additional outer protective conductor connection up to max. 4 mm ²				
Tightening torque	Screw terminals:	0.4 Nm max.			
	Cover screws:	1.5 to 2 Nm			
	Cable entries:	See installation note (enclosed unattached)			



Contact

Version Slow-action Snap-action Slow-action contact, contact contact overlapping 8074/2-2 Caution: The positive opening operation ⊕ function depends on 8074/2-3 the actuator Contact arrangement 2-pole, galvanically separated with double break Contact opening ≥ 1.5 mm (isolating distance ≥ 3 mm) Material Contacts Silver-nickel Enclosure contact Polyamide, glass fibre reinforced Service life max. 10⁶ operating cycles Mechanical max. 10⁶ operating cycles electrical

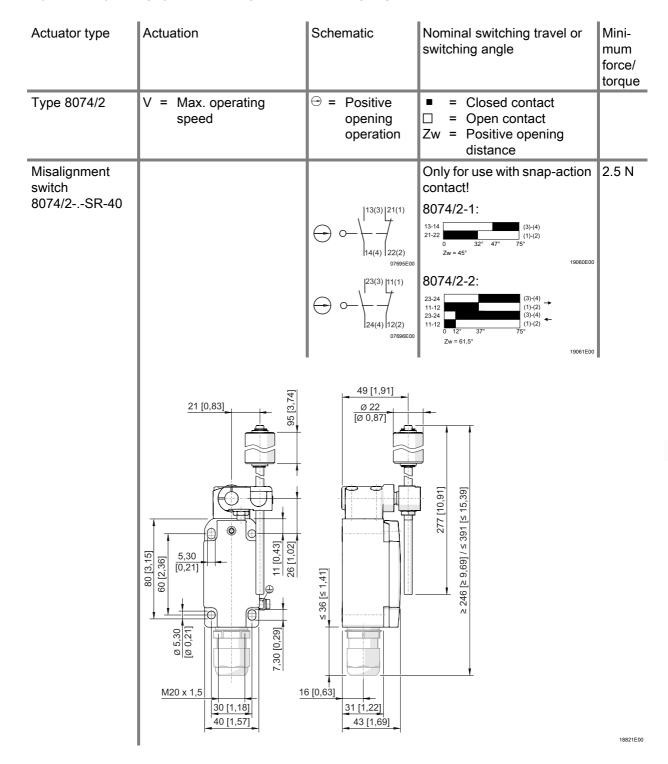


Technical dataOperation, operating speed, switching travel or switching angle

Actuator type	Actuation	Schematic	Nominal switching travel or switching angle	Mini- mum force/ torque
Type 8074/2	V = Max. operating speed	⊖ = Positive opening operation	■ = Closed contact □ = Open contact Zw = Positive opening distance	
Plunger 8074/2W-40	For lateral actuation: V = 0.5 m/s	13(3) 21(1) 14(4) 22(2) 07695E00	In stroke direction 8074/2-1: 13-14 (3)-(4) 21-22 (1)-(2) 0 2,9 4,1 6 mm 18998E00	22 N
	Actuation in stroke direction: V = 1.0 m/s	23(3) 11(1) 	8074/2-2: 23-24 11-12 23-24 11-12 (3)-(4) (1)-(2) (3)-(4)	
		11(1) 21(2) 12(4) 22(3) 07697E00 15(2) 27(1)	8074/2-3: 11-12 21-22 0 2,9 6 mm 18999E00 8074/2-5:	
		16(3) 28(4) 07669600	27-28 (1)-(4) 15-16 (2)-(3) 0 2.9 3.9 6 mm Zw = 5.0 mm	
	28 [0,1,10] Ø 10 [Ø 0,39] Ø 10 [Ø 0,39] Ø 10 [Ø 0,39]	16 [0,63]		
	80 [3,15] [0 0,2,3] [0 0,2,1] 7,30 [0,29]	36 [5 1,41]	\$ 145 \$ 5,70	
	M20 x 1,5 30 [1,18] 40 [1,57]	6 [0,63] 31 [1,22] 43 [1,69]		18822E00

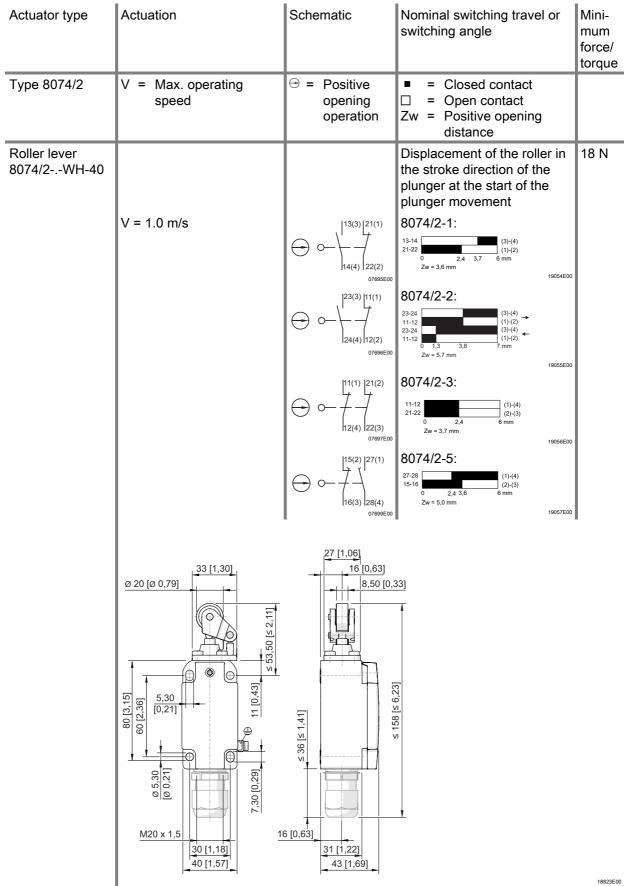
Actuator type	Actuation	Schematic	Nominal switching travel or switching angle	Mini- mum force/ torque
Type 8074/2	V = Max. operating speed	⊕ = Positive opening operation	■ = Closed contact □ = Open contact Zw = Positive opening distance	
Roller plunger 8074/2R-40	For lateral actuation: V = 1.0 m/s	0 - \begin{pmatrix} 13(3) 21(1) \\ 14(4) 22(2) \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	In stroke direction 8074/2-1: 13-14 (3)-(4) 21-22 (1)-(2) 0 2,9 4,1 6 mm 2w = 3,9 mm	22 N
	Actuation in stroke direction: V = 1.0 m/s	23(3) [11(1)] 24(4) [12(2)] 07696E00	8074/2-2: 23-24 11-12 23-24 11-12 23-24 11-12 0 1,1 3,2 6 mm 19051E00	
		11(1) 21(2) 12(4) 22(3) 07697E00	8074/2-3: 11-12 21-22 0 2,9 6 mm Zw = 4,1 mm	
		15(2) 27(1) 16(3) 28(4) 07699E00	8074/2-5: 27-28 (1)-(4) 15-16 (2)-(3) 0 2,9 3,9 6 mm Zw = 5,0 mm	
		16 [0,63] 4,50 [0,18 4,50 [0,18 98 VI	5 154 [5 6,00]	
	30 [1,18] 40 [1,57]	43 [1,69]		18820E00





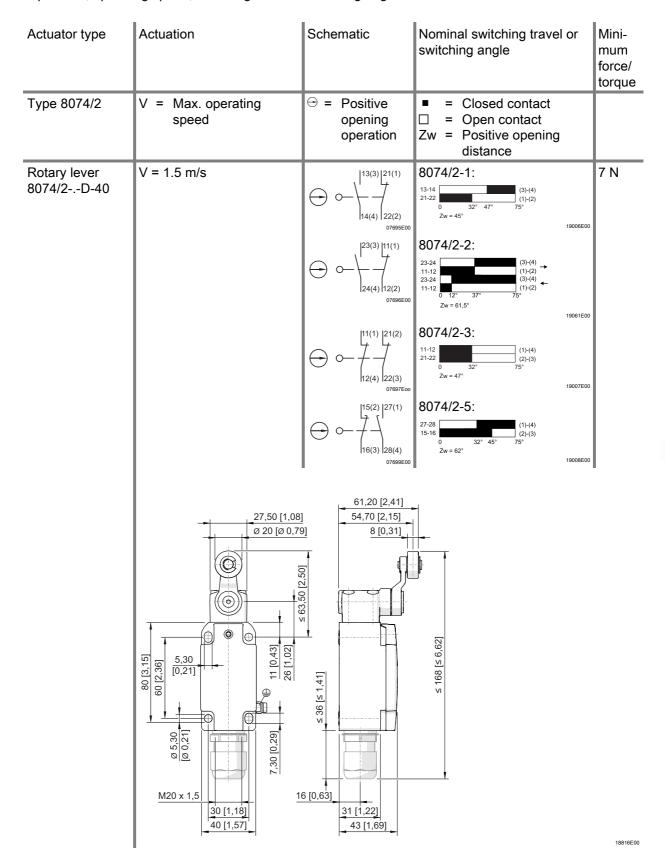
Actuator type	Actuation	Schematic	Nominal switching travel or switching angle	Mini- mum force/ torque
Type 8074/2	V = Max. operating speed	⇒ = Positive opening operation	■ = Closed contact □ = Open contact Zw = Positive opening distance	
Long rotary lever 8074/2DL-40		O— 13(3) 21(1) 14(4) 22(2) 07695E00	8074/2-1: 13-14 21-22 0 32° 47° 75° Zw = 45° 19060E00	3 N
		23(3) [11(1)] 24(4) [12(2)] 07696E00	8074/2-2: 23-24 11-12 23-24 11-12 0 12° 37° 75° Zw = 61,5° 19061E00	
		0— 11(1) 21(2) 12(4) 22(3) 07697E00	8074/2-3: 11-12	
		0— 15(2) 27(1) 16(3) 28(4) 07699E00	8074/2-5: 27-28 (1)-(4) 15-16 (2)-(3) Zw = 62° 75° 19064E00	
	27,50 [1,08] M20 x 1,5 M20 x 1,5 M20 [1,57] M20 x 1,5 M20 x 1		s 213,50 [s 8,41]	18818E00





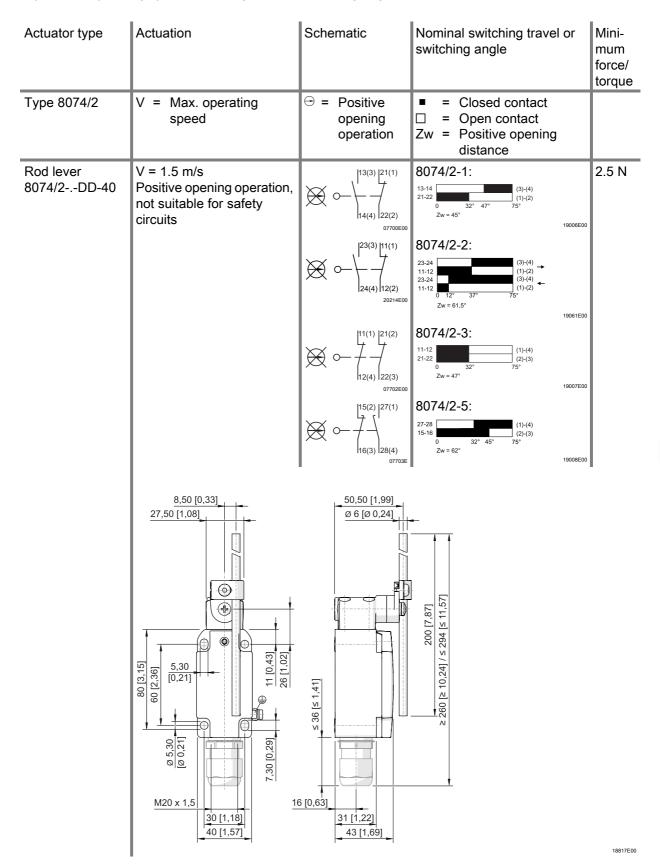
Actuator type	Actuation	Schematic	Nominal switching travel or switching angle	Mini- mum force/ torque
Type 8074/2	V = Max. operating speed	 ⊖ = Positive opening operation 	■ = Closed contact □ = Open contact Zw = Positive opening distance	
Parallel roller lever 8074/2WPH-40	V = 1.0 m/s	13(3) 21(1)	Displacement of the roller vertically in the stroke direction of the plunger at the start of the plunger movement 8074/2-1:	18 N
		0 14(4) 22(2) 07695E00	13-14 (3)-(4) 21-22 (1)-(2) 0 3,9 5,4 6 mm Zw = 4,7 mm 19004E00	
		23(3) [11(1)] 24(4) [12(2)] 07696E00	8074/2-2: 23-24 11-12 23-24 11-12 23-24 11-12 0 1,7 5,0 9,3 mm 19059E00	
		11(1) 21(2) 12(4) 22(3) 07697E00	8074/2-3: 11-12 21-22 0 2w = 4,5 mm (1)-(4) (2)-(3) 0 2w = 4,5 mm	
		15(2) 27(1) 16(3) 28(4) 07699E00	8074/2-5: 27-28 (1)-(4) (2)-(3) (2)-(3) (2)-(3) (2)-(3) (2)-(3) (2)-(3) (2)-(3) (2)-(3) (2)-(3) (2)-(3)-(3)-(3)-(3)-(3)-(3)-(3)-(3)-(3)-(3	
	50 [1,97] 36 [1,42] 80 [3,79] 50 [0,23] 60 [0,21] 60 [0,21] 60 [0,21] 60 [0,21] 60 [0,21] 60 [0,21] 61 [0,21] 62 [0,21] 63 [0,21]	30,20 16 [0,63] 8,50 [0 17 18 19 10 10 10 10 10 10 10 10 10 10		
	40 [1,57]	43 [1,69]		18824E00



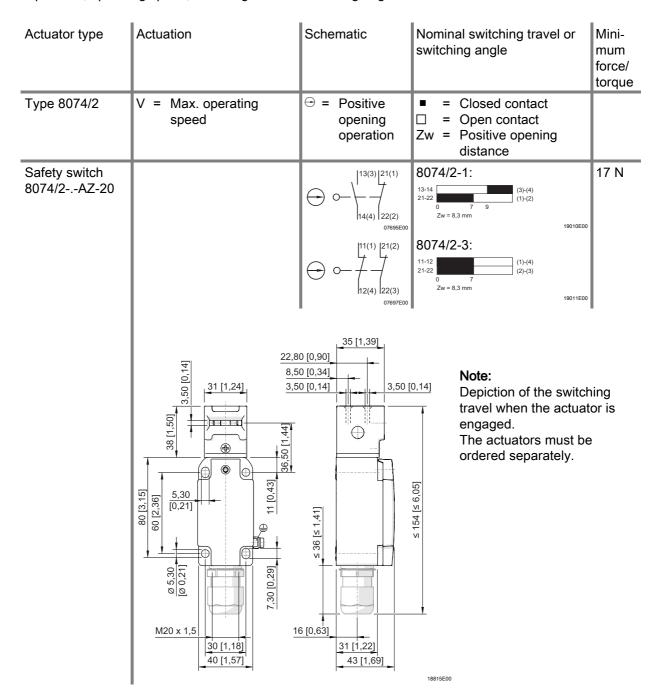


Actuator type	Actuation	Schematic	Nominal switching travel or switching angle	Mini- mum force/ torque
Type 8074/2	V = Max. operating speed	⊖ = Positive opening operation	■ = Closed contact □ = Open contact Zw = Positive opening distance	
Adjustable rotary lever 8074/2DS-40	V = 1.5 m/s Positive opening operation, not suitable for safety circuits	13(3) 21(1) 14(4) 22(2) 07700E00	8074/2-1: 13-14 (3)-(4) 21-22 (1)-(2) 0 32° 47° 75° Zw = 45°	4.5 N
		23(3) 11(1) 24(4) 12(2) 20214E00	8074/2-2: 23-24 11-12 23-24 11-12 0 12° 37° Zw = 61.5°	
		0 - 12(4) 22(3)	19061E00 8074/2-3: 11-12 21-22 0 32° Zw = 47° 19007E00	
		0770ZE00 15(2) 27(1) 16(3) 28(4) 07703E	8074/2-5: 27-28 (1)-(4) (2)-(3) (2)-(3) (2) (3) (2) (4) (2)-(3) (2) (4) (2)-(3) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	
	27,50 [1,08] 80 [3,15] 80 [3,15] 80 [2,30] 80 [2,30] 80 [2,30] 80 [2,30] 90 [2,30] 10 [0,21] 11 [0,43] 40 [1,22]	60,70 [2,39] 54 [2,13] 8 [0,31]	2 172 ≥ 6,77] / ≤ 213 [≤ 8,39]	18819€00





Operation, operating speed, switching travel or switching angle



For further technical data, see www.r-stahl.com.



6 Transport and Storage

- Transport and store the device only in the original packaging.
- Store the device in a dry place (no condensation) and vibration-free.
- Do not drop the device.

7 Mounting and Installation

The device is approved for use in gas explosion hazardous areas of Zones 1 and 2 and dust explosion hazardous area of Zones 21 and 22 and in safe areas.



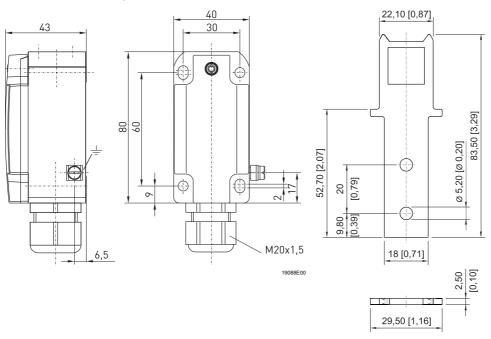
DANGER

Explosion hazard due to incorrect installation of the device! Non-compliance results in severe or fatal injuries.

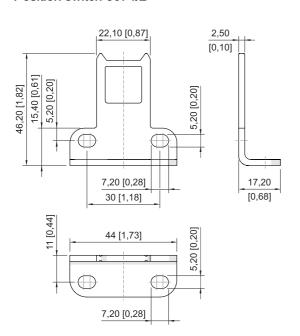
- Carry out installation strictly according to the instructions and national safety and accident prevention regulations to maintain the explosion protection.
- Select and install the electrical device so that explosion protection is not affected due to external influences, i.e. pressure conditions, chemical, mechanical, thermal and electric impact such as vibration, humidity and corrosion (see IEC/EN 60079-14).
- The device must only be installed by trained qualified personnel who is familiar with the relevant standards.

7.1 Dimensions / Fastening Dimensions

Dimensional drawings (all dimensions in mm [inches]) – Subject to modifications

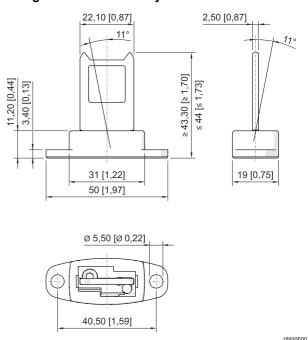


Position switch 8074/2



Bent actuator for safety switch

Straight actuator for safety switch

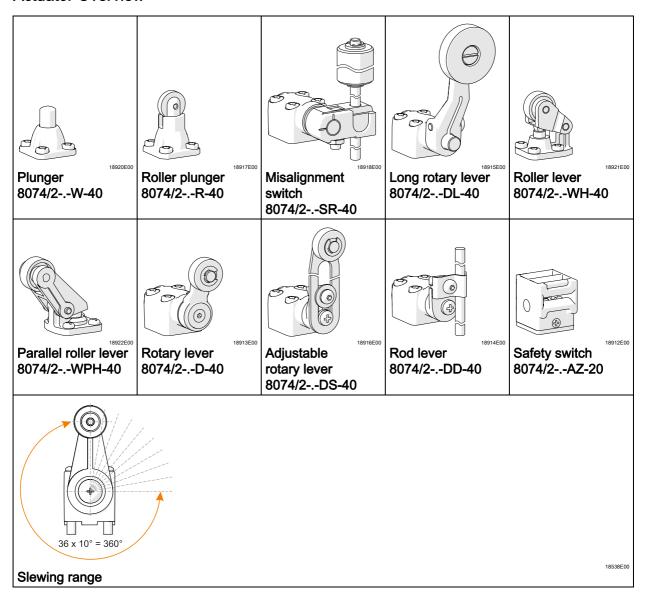


18928E00

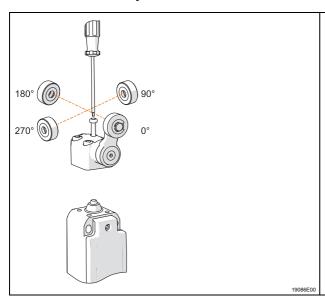
Movable actuator for safety switch

7.2 Mounting / Dismounting, Operating Position

7.2.1 Actuator Overview

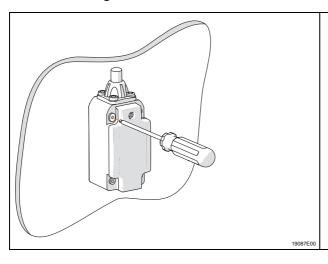


7.2.2 Actuator Assembly



- Place the actuator in the desired position on the end switch. Can be rotated 90° in 4 different
- Tighten the actuator using 4 screws and with a torque of 1 to 1.5 Nm.

7.2.3 Wall Mounting



- Mount the position switch enclosure in a suitable location with a torque of 1.3 to 1.8 Nm.
- Mount the device carefully and only in accordance with the safety notes.
- Mount the device torsion-free only on a level surface.



7.3 Installation



DANGER

Explosion hazard due to improper installation or operation!

Non-compliance results in severe or fatal injuries.

- Do not use position switch as a mechanical stop.
- Protect it from changing position when used with a safety function.



Operation under difficult conditions, such as, in particular, on ships, requires additional measures to be taken for correct installation, depending on the place of use. Further information and instructions on this can be obtained from your regional sales contact on request.

7.3.1 Mains Connection



If core end sleeves are used, they must be gas-tight and attached using a suitable tool.

- · The conductor must be connected carefully.
- The conductor insulation must reach to the terminal. Do not damage (nick) the conductor when stripping it.
- Ensure that the maximum permissible conductor temperatures are not exceeded by performing a suitable selection of electric lines used and means of running them.
- The specifications for the terminals are to be observed (see "Technical Data").

7.3.2 Back-Up Fuse

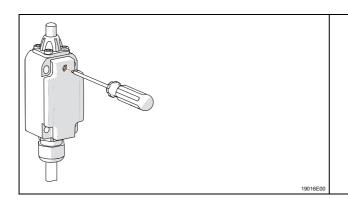
A back-up fuse with max. 6 A tripping characteristic gN/gG according to IEC 60269-1 can be used for short-circuit protection.



7.3.3 Snap Switch Connection (for 8074/2-2-...)

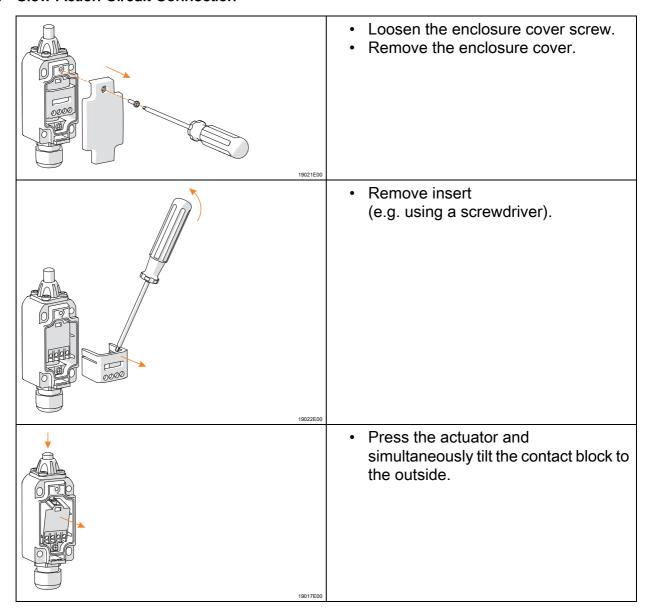
19021E00	 Loosen the enclosure cover screw. Remove the enclosure cover.
1902ZE00	Remove insert (e.g. using a screwdriver).
6 [0,24] 18599E00	 Strip the 6 mm connection line. Do not damage the conductor when removing the insulation.
19023E00	 Connect the connection line to the terminal on the contact block using a torque of 0.4 Nm. Guide the connection line insulation to the clamping unit.
19024E00	Insert the insert into the enclosure.





- Close the enclosure using the enclosure cover.
- Fasten the enclosure cover with a torque of 1.5 to 2 Nm.

7.3.4 Slow-Action Circuit Connection



	Remove the contact block.
6 [0,24]	 Strip the 6 mm connection line. Do not damage the conductor when removing the insulation.
19019E00	 Connect the connection line to the terminal on the contact block using a torque of 0.4 Nm. Guide the connection line insulation to the clamping unit.
19020E00	Insert the contact block into the enclosure.
19024E00	Insert the insert into the enclosure.
19016E00	 Close the enclosure using the enclosure cover. Fasten the enclosure cover with a torque of 1.5 to 2 Nm.



7.3.5 Cable Entry Assembly



Cable entry assembly, see Brief Instructions attached.

8 Commissioning



DANGER

Explosion hazard due to incorrect installation!

Non-compliance results in severe or fatal injuries.

- Check the device for proper installation before commissioning.
- Comply with national regulations.

Before commissioning, ensure the following:

- Check to see if the enclosure is damaged.
- · Check to see if parts of the flameproof enclosure are damaged.
- · If necessary, remove foreign bodies.
- If necessary, clean the connection chamber.
- · Check if the conductors have been inserted correctly.
- Check to see if the conductors / wires have been installed properly.
- · Check if all screws and nuts have been tightened firmly.
- Check whether all the cable entries and stopping plugs have been tightened firmly.

9 Maintenance, Overhaul, Repair

9.1 Maintenance

- Consult the relevant national regulations to determine the type and extent of inspections.
- Adapt inspection intervals according to the operating conditions.

At a minimum, check the following points during maintenance work on the device:

- · Firm fit of the conductors,
- Compliance with the permissible temperatures (according to IEC/EN 60079),
- Damage to the enclosure and seals.

9.2 Overhaul



DANGER

Overheating and explosion hazard due to defective switching contacts! Non-compliance results in severe or fatal injuries.

 Replace the switch after each short circuit in the main circuit (the element is hermetically sealed and the state of the switching contacts cannot be checked).



Observe the relevant national regulations in the country of use.

9.3 Repair



DANGER

Explosion hazard due to improper repair!

Non-compliance results in severe or fatal injuries.

 Repair work on the devices must be performed only by R. STAHL Schaltgeräte GmbH.

9.4 Returning the Device

Only return or package the devices after consulting R. STAHL!
 Contact the responsible representative from R. STAHL.

R. STAHL's customer service is available to handle returns if repair or service is required.

Contact customer service personally.

or

- Go to the www.r-stahl.com website.
- Under "Support" > "RMA form", select "Request RMA slip".
- Fill out the form and send it.
 Confirmation will be sent. R. STAHL's customer service will contact you.
 You will receive an RMA slip after speaking with customer service.
- Send the device along with the RMA slip in the packaging to R. STAHL Schaltgeräte GmbH (refer to Section 1.1 for the address).



10 Cleaning

- To avoid electrostatic charging, the devices located in potentially explosive areas may only be cleaned using a damp cloth.
- When cleaning with a damp cloth, use water or mild, non-abrasive, non-scratching cleaning agents.
- Do not use aggressive detergents or solvents.

11 Disposal

- Observe national and local regulations and statutory regulation regarding disposal.
- · Separate materials when sending it for recycling.
- Ensure environmentally friendly disposal of all components according to the statutory regulations.

12 Accessories and Spare Parts

NOTICE

Malfunction or damage to the device due to the use of non-original components. Non-compliance can result in material damage.

 Use only original accessories and spare parts from R. STAHL Schaltgeräte GmbH.



For accessories and spare parts, see data sheet on our homepage www.r-stahl.com.