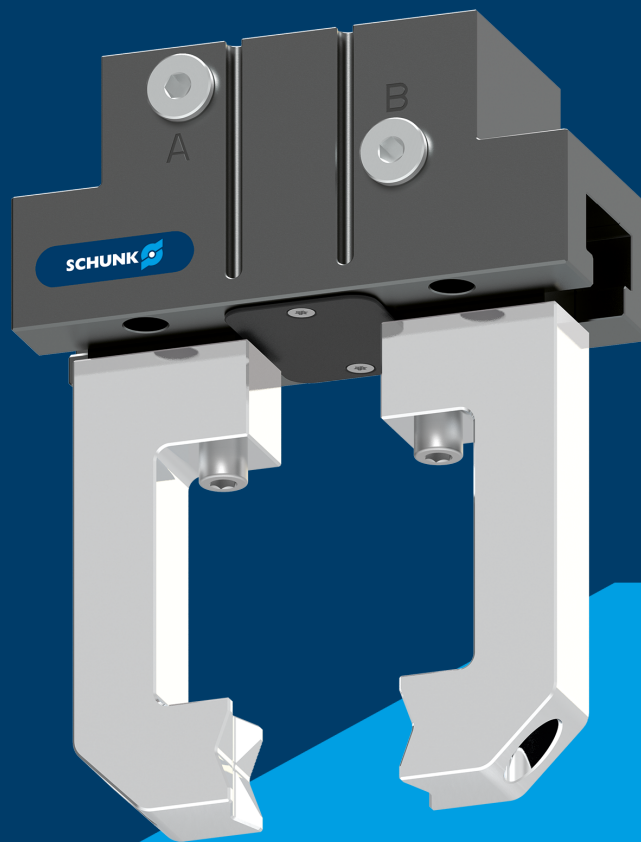




Assembly and operating manual

CGP

2-finger parallel gripper

Translation of original operating
manual

Hand in hand for tomorrow

Imprint

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Technical changes:

We reserve the right to make technical improvements.

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Version: 01.00 | 3/25/2026 | en-US

Dear Customer

Dear Customer,

Thank you for putting your trust in our products and our family-owned company, the leading technology supplier of robots and production machines.

Our team is always available to answer any questions on this product and other solutions. We look forward to your challenging questions. We will find a solution!

Best regards,

Your SCHUNK team

Customer Management

Tel. +49-7133-103-2503

Fax +49-7133-103-2189

cmg@de.schunk.com



Please read the operating manual in full and keep it close to the product.

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1 General

1.1 About this Manual

This manual contains important information for the safe, correct use of the product.

The manual is an integral part of the product and must be kept accessible by personnel at all times.

Personnel must have read and understood this manual before beginning any work. The observance of all safety notes in this manual is the precondition for all safe working.

Besides this manual, other documents which apply are those listed under ► 1.1.2 [6].

NOTE: The illustrations in this manual are intended to provide a basic understanding and may deviate from the actual version.

1.1.1 Illustration of safety notes

To make risks clear, the following signal words and symbols are used for safety notes.



⚠ DANGER

Danger to individuals!

Ignoring a safety note such as this will certainly lead to irreversible injury and even death.



⚠ WARNING

Danger to individuals!

Ignoring a safety note such as this can lead to irreversible injury and even death.



⚠ CAUTION

Danger to individuals!

Non-observance can cause minor injuries.

NOTICE

Material damage!

Information about avoiding material damage.

1.1.2 Applicable documents

- General terms of business *
- Catalog data sheet of the purchased product *
- Assembly and operating manuals of the accessories *

The documents labeled with an asterisk (*) can be downloaded from schunk.com/downloads.

1.1.3 Sizes

This manual applies to the following sizes:

- CGP 64
- CGP 80
- CGP 100
- CGP 125

1.1.4 Variants

This operating manual applies to the following variations:

- CGP stroke 1
- CGP with gripping force maintenance "O.D. gripping" (AS)
- CGP with gripping force maintenance "I.D. gripping" (IS)
- CGP Inductive monitoring (IN)
- CGP Monitoring with electronic magnetic switches

1.2 Warranty

If the product is used as intended, the warranty is valid for 12 months from the date of delivery from the production facility under the following conditions:

- Observe the ambient conditions and operating conditions, ► 2.5 [9]
- Observe the specified maintenance intervals, ► 7 [28]

Parts touching the workpiece and wearing parts are not part of the warranty.

Size	Warranty duration [months]	or maximum cycles [mil.]*
64	12	10
80	12	10
100	12	10
125	12	10

* A cycle consists of a complete gripping process: "Open gripper" and "Close gripper".

1.3 Scope of delivery

The scope of delivery includes:

- 2-finger parallel gripper CGP in the version ordered
- Safety information (product-specific instructions available online)
- Accessory pack

Contents of the accessory kit:

- 2x centering sleeve for gripper fastening
- 4x centering sleeve for finger fastening
- 2 x O-ring for hose-free direct connection

ID.-No. of the accessory pack

Size	ID number
64	5512044
80	5512045
100	5512046
125	5512047

Tab.: ID.-No. of the accessory pack

1.4 Accessories

A wide range of accessories is available for this product.

For information regarding which accessory articles can be used with the corresponding product variants, see catalog data sheet.

2 Basic safety notes

2.1 Appropriate use

The product is designed exclusively for gripping and temporarily holding workpieces or objects.

- The product may only be used within the scope of its technical data, ▶ 3 [16].
- The product is intended for installation in a machine/ automated system. The applicable guidelines for the machine/ automated system must be observed and complied with.
- The product is intended for industrial and industry-oriented use. Its use outside enclosed spaces is only permitted if suitable protective measures are taken against outdoor exposure. The product is not suitable for use in salty air.
- The product can be used within the permissible load limits and technical data for holding workpieces during simple machining operations, but is not a clamping device according to EN 1550:1997+A1:2008.
- Appropriate use of the product includes compliance with all instructions in this manual.
- Any use that exceeds or differs from the appropriate use is regarded as misuse.

2.2 Structural changes

Implementation of structural changes

Modifications, changes or reworking, e.g. additional threads, holes, or safety devices, can damage the product or impair its functionality or safety.

- Structural changes should only be made with the written approval of SCHUNK.

2.3 Spare parts

Use of unauthorized spare parts

Using unauthorized spare parts can endanger personnel and damage the product or cause it to malfunction.

- Use only original spare parts and spares authorized by SCHUNK.

2.4 Gripper fingers

Requirements of gripper fingers

Accumulated energy can make the product unsafe and risk the danger of serious injuries and considerable material damage.

- Only change gripper fingers if no residual energy can be released.
- Make sure that the product and the gripper finger are sufficient in size for the workpiece.

2.5 Ambient conditions and operating conditions

Required ambient conditions and operating conditions

Incorrect ambient and operating conditions can make the product unsafe, leading to the risk of serious injuries, considerable material damage and/or a significant reduction to the product's life span.

- Make sure that the product is only used within its defined application parameters, ► 3 [16].

2.6 Personnel qualification

Inadequate qualification of personnel

Work on the product by inadequately qualified personnel can lead to serious injuries and considerable material damage.

- Order all work to be performed only by appropriately qualified personnel.
- Personnel must have read and understood the complete manual before beginning any work on the product.
- Observe national accident prevention regulations and the general safety notes.

The following personnel qualifications are required for the various types of work on the product:

Trained electrician

Due to their technical training, knowledge and experience, trained electricians are able to work on electrical systems, recognize and avoid possible dangers and know the relevant standards and regulations.

Qualified personnel

Due to its technical training, knowledge and experience, qualified personnel is able to perform the delegated tasks, recognize and avoid possible dangers and knows the relevant standards and regulations.

Instructed person

Instructed persons have been instructed by the user regarding the tasks entrusted to them and the potential dangers of inappropriate behavior.

Manufacturer's service personnel The manufacturer's service personnel have the specialized training, knowledge, and experience to perform the work entrusted to them and to recognize and avoid potential dangers.

2.7 Personal protective equipment

Use of personal protective equipment

Personal protective equipment serves to protect staff in the event of a danger that may interfere with their health or safety at work.

- When working on and with the product, observe the occupational health and safety regulations and wear the required personal protective equipment.
- Observe the valid safety and accident prevention regulations.
- Wear protective gloves to guard against sharp edges and corners or rough surfaces.
- Wear heat-resistant protective gloves when handling hot surfaces.
- Wear protective gloves and safety goggles when handling hazardous substances.
- Wear close-fitting protective clothing and also wear long hair in a hairnet when dealing with moving components.

2.8 Notes on safe operation

Incorrect manner of working by personnel

An incorrect manner of working can make the product unsafe and risk the danger of serious injuries and considerable material damages.

- Avoid any manner of working that may interfere with the function and operational safety of the product.
- Use the product as intended.
- Observe the safety notes and assembly instructions.
- Do not expose the product to any corrosive media. Products for special ambient conditions are excluded.
- Rectify malfunctions as soon as they occur.
- Observe the care and maintenance instructions.
- Observe the current safety, accident prevention, and environmental protection regulations for the application field of the product.

2.9 Transport

Handling during transport

Incorrect handling during transport can make the product unsafe and risk serious injuries and considerable material damage.

- When handling heavy weights, use lifting equipment to lift the product and transport it by appropriate means.
- During transport and handling, secure the product to prevent it from falling.
- Do not walk under suspended loads.

2.10 Malfunctions

Behavior in case of malfunctions

- Immediately remove the product from operation and report the malfunction to the responsible departments/persons.
- Order appropriately trained personnel to rectify the malfunction.
- Do not recommission the product until the malfunction has been rectified.
- Test the product after a malfunction to establish whether it still functions properly and no increased risks have arisen.

2.11 Disposal

Handling of disposal

Incorrect handling during disposal can make the product unsafe and risks serious injuries and considerable material and environmental harm.

- Follow local regulations on dispatching product components for recycling or orderly disposal.

2.12 Fundamental dangers

General

- Observe safety distances.
- Never deactivate safety devices.
- Before commissioning the product, take appropriate protective measures to secure the danger zone.
- Disconnect power sources before installation, modification, maintenance, or calibration. Ensure that no residual energy remains in the system.
- If the energy supply is connected, do not move any parts by hand.
- Do not reach into the open mechanism or movement area of the product during operation.

2.12.1 Protection during handling and assembly

Incorrect handling and assembly

Incorrect handling and assembly can make the product unsafe and pose a risk of serious injuries and considerable material damage.

- Order all work to be performed only by appropriately qualified personnel.
- For all work, secure the product against accidental operation.
- Observe the relevant accident prevention regulations.
- Use suitable assembly and transport equipment and take precautions to prevent jamming and crushing.

Incorrect lifting of loads

Falling loads can cause serious injuries and even death.

- Stand clear of suspended loads and do not step within their swiveling range.
- Never move loads without supervision.
- Do not leave suspended loads unattended.

2.12.2 Protection during commissioning and operation

Falling or violently ejected components

Falling and violently ejected components can cause serious injuries and even death.

- Take appropriate protective measures to secure the danger zone.
- Never step into the danger zone during operation.

2.12.3 Protection against dangerous movements

Unexpected movements

If the system still retains residual energy, serious injuries can be caused while working on the product.

- Switch off the energy supply, ensure that no residual energy remains and secure against inadvertent reactivation.
- Never rely solely on the response of the monitoring function to avert danger. Until the installed monitors become effective, it must be assumed that the drive movement is faulty, with its action being dependent on the control unit and the current operating condition of the drive. Perform maintenance work, modifications, and attachments outside the danger zone defined by the movement range.
- To avoid accidents and/or material damage, human access to the movement range of the machine must be restricted. Limit/prevent accidental access for people in this area through technical safety measures. The protection cover and protective fence must be rigid enough to withstand the maximum possible movement energy. EMERGENCY STOP switches must be easily and quickly accessible. Before commissioning the machine or automated system, check that the EMERGENCY STOP system is working. Prevent operation of the machine if this protective equipment does not function correctly.

2.12.4 Protection against electric shock

Possible electrostatic energy

Components or assembly groups may become electrostatically charged. When the electrostatic charge is touched, the discharge can trigger a shock reaction which may lead to injuries.

- The operator must ensure that all components and assembly groups are included in the local equipotential bonding in line with the applicable regulations.
- The equipotential bonding must be implemented by a specialist electrician in line with the applicable regulations while paying particular attention to the actual conditions in the working environment.
- The effectiveness of the equipotential bonding must be verified by regular safety measurements.

2.13 Notes on particular risks



⚠ DANGER

Risk of fatal injury from suspended loads!

Falling loads can cause serious injuries and even death.

- Stand clear of suspended loads and do not step within their swiveling range.
- Never move loads without supervision.
- Do not leave suspended loads unattended.
- Wear suitable protective equipment.



⚠ WARNING

Risk of injury from objects falling and being ejected!

Falling and ejected objects during operation can lead to serious injury or death.

- Take suitable protective measures to secure the danger zone.



⚠ WARNING

Risk of injury due to sudden movements!

If the energy supply is switched on or if residual energy is still present in the system, this can cause components to move unexpectedly, which may result in serious injuries.

- Before starting any work on the product: Switch off the energy supply and secure against re-connection.
- Ensure that no residual energy remains in the system.

**⚠ WARNING****Risk of injury from crushing and impacts!**

Serious injury could occur during movement of the base jaw, due to breakage or loosening of the gripper fingers or if the workpiece is lost.

- Wear suitable protective equipment.
- Do not reach into the open mechanism or the movement area of the product.

**⚠ WARNING****Risk of injury due to electromagnetic interference!**

Electromagnetic interference can cause the product to malfunction and lead to disturbances in medical implants (e.g. pacemakers). Unexpected movements or ejected objects can cause serious injury or death.

- Ensure adequate shielding against magnetic fields in the immediate vicinity of the product, so that exact limits according to relevant standards, e.g. EN IEC 61000, are not exceeded.
- Take suitable protective measures to secure the danger zone.

3 Technical data

Connection data

Pressure medium	Compressed air, compressed air quality according to ISO 8573- 1:2010 [7:4:4]
Nominal operating pressure [bar]	6
Minimum pressure [bar] without maintenance of gripping force	2.5
Minimum pressure [bar] with maintenance of gripping force	4
Maximum pressure [bar] without maintenance of gripping force	6.5
Maximum pressure [bar] with maintenance of gripping force	6.5

Ambient conditions and operating conditions

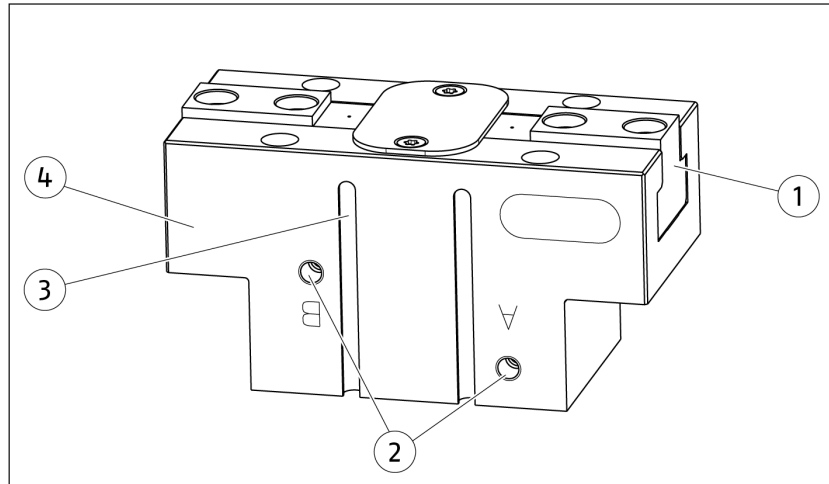
Ambient temperature [°C]	
min.	+5
max.	+90
Protection class IP	40
Noise emission [dB(A)]	≤ 70

More technical data is included in the catalog data sheet.
Whichever is the latest version.

4 Design and description

4.1 Structure

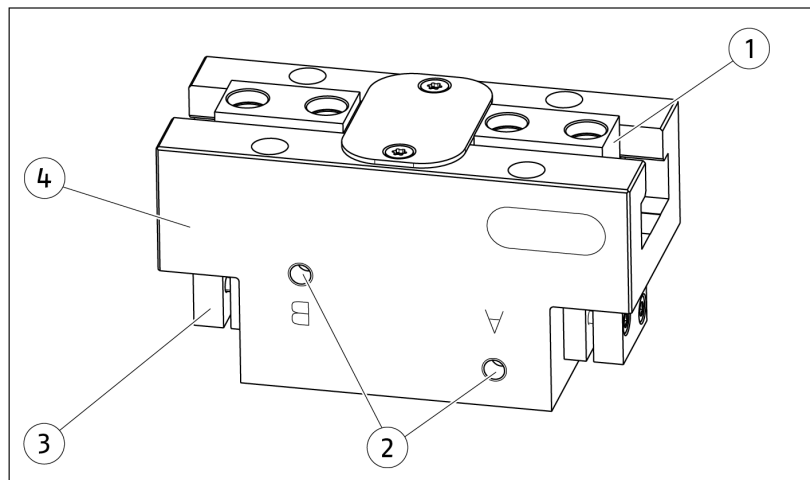
Electronic magnetic
switch monitoring
variant



2-finger parallel gripper CGP

- | | |
|---|--------------------------------|
| 1 | Base jaw |
| 2 | Compressed air main connection |
| 3 | Groove for magnetic switch |
| 4 | Housing |

Indicative monitoring
variant -IN



2-finger parallel gripper CGP-IN

- | | |
|---|---------------------------------|
| 1 | Base jaw |
| 2 | Compressed air main connection |
| 3 | Holder for inductive monitoring |
| 4 | Housing |

NOTE

Only the variant with magnetic switch monitoring is shown below.

4.2 Description

Universal 2-finger parallel gripper with T-slot guidance.

5 Assembly and settings

5.1 Installing and connecting



⚠ WARNING

Risk of injury due to sudden movements!

If the energy supply is switched on or if residual energy is still present in the system, this can cause components to move unexpectedly, which may result in serious injuries.

- Before starting any work on the product: Switch off the energy supply and secure against re-connection.
- Ensure that no residual energy remains in the system.

NOTICE

Damage to the gripper possible!

Exceeding the maximum permissible finger weight or the permissible mass moment of inertia of the fingers can damage the gripper.

- Jaw movement must always be impact- and bounce-free.
- If necessary, provide sufficient throttling and/or damping.
- Observe the information in the catalog data sheet.

1. Check the flatness of the mounting surface, ▶ 5.2.1 [19].
2. Connect the product via the hose-free direct connection.
3. OR: Connect compressed air lines to the main air connections "A" and "B".
 - ⇒ Remove the locking screws.
 - ⇒ Screw in air connections (plug connections).
4. Screw the product to the machine/system, ▶ 5.2.1 [19].
 - ⇒ Use suitable connecting elements (adapter plates) if necessary.
 - ⇒ Observe permissible depth of engagement and if required strength class.
5. Connect the sensor, see Sensor Assembly and Operating Manual.
6. Mount the sensor, ▶ 5.3 [22].

5.2 Connections

5.2.1 Mechanical connection

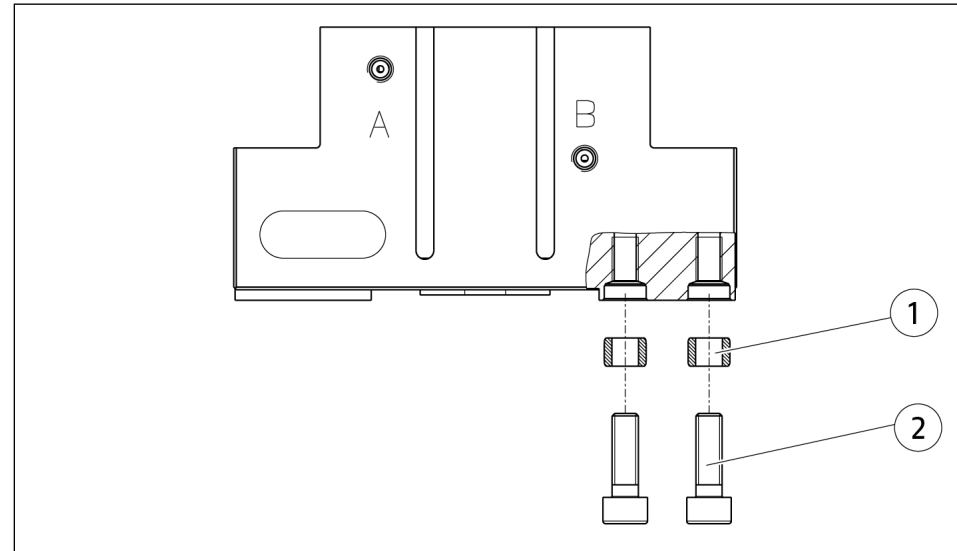
Evenness of the mounting surface

The values apply to the whole mounting surface to which the product is mounted.

Edge length	Permissible unevenness
< 100	< 0.02
> 100	< 0.05

Tab.: Requirements for evenness of the mounting surface (Dimensions in mm)

Connections at the base jaws



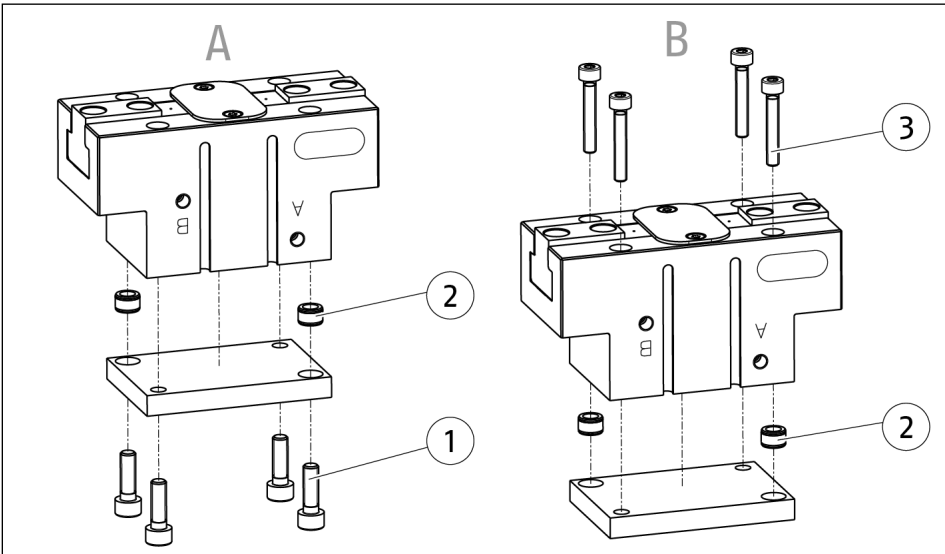
Connections at the base jaws

Size	① Centering sleeve	② Screws *
64	Ø6	M4 / 10.7
80	Ø 8	M5 / 11.9
100	Ø10	M6 / 14.2
125	Ø10	M6 / 14.2

* Threads / maximum screw-in depth from stop face [mm], max. strength class 12.9

Connections at the housing

The product can be assembled above and below.



Connection options

Side A

Size	① Screws *	② Centering sleeve
64	M5 / 12	Ø8
80	M5 / 15	Ø8
100	M6 / 14	Ø10
125	M8 / 20	Ø12

* Thread / max. depth of engagement from locating surface [mm]

Side B

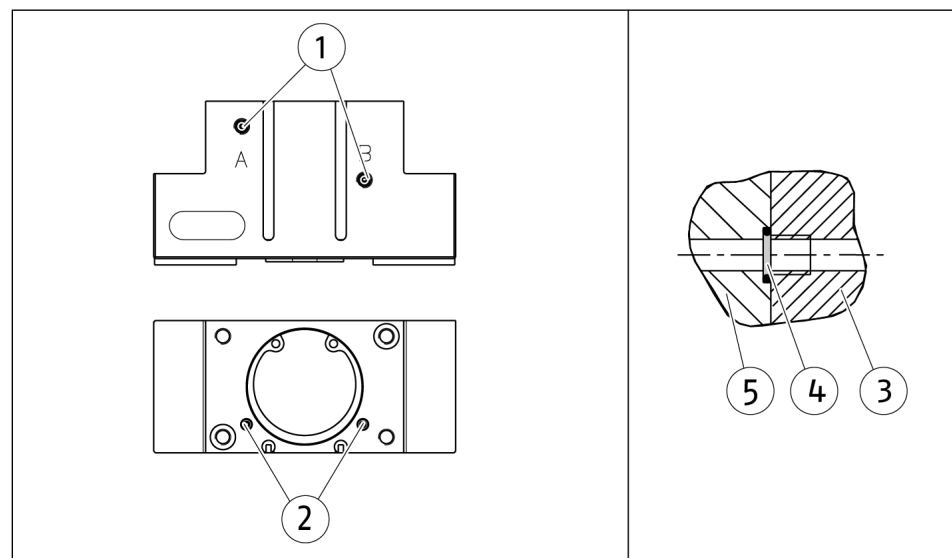
Size	③ Screws *	② Centering sleeve
64	M4	Ø8
80	M4	Ø8
100	M5	Ø10
125	M6	Ø12

* DIN EN 4762

5.2.2 Pneumatic connection

NOTE

- Observe the requirements for the compressed air supply, ► 3 [16].
- In case of compressed air loss (cutting off the energy line), the components lose their dynamic effects and do not remain in a secure position. However, the use of a SDV-P pressure maintenance valve is recommended in this case in order to maintain the dynamic effect for some time. Product variants are also offered with mechanical gripping force via springs, which also ensure a minimum clamping force in the event of a pressure drop.



Air connections

1 Main connections (Hose connection)
(A = open, B = close)

2 Hose-free direct connection at the base
(a = open, b = close)

Hose-free direct connection

3 Product

4 O-ring

5 Attachment

- Open only the air connections that are needed.
- Close unused main air connections using the screw plugs from the enclosed pack.
- For a hose-free direction connection, use the O-rings from the enclosed pack.

Size	Main air connections *
64	M5 / 4
80	M5 / 6
100	G1/8 / 7
125	G1/8 / 7

* Thread / max. depth of engagement from locating surface [mm]

5.3 Installing the sensors

NOTE

When mounting and connecting the sensors, observe the Sensor Assembly and Operating Manual.

The product is prepared for the use of sensors.

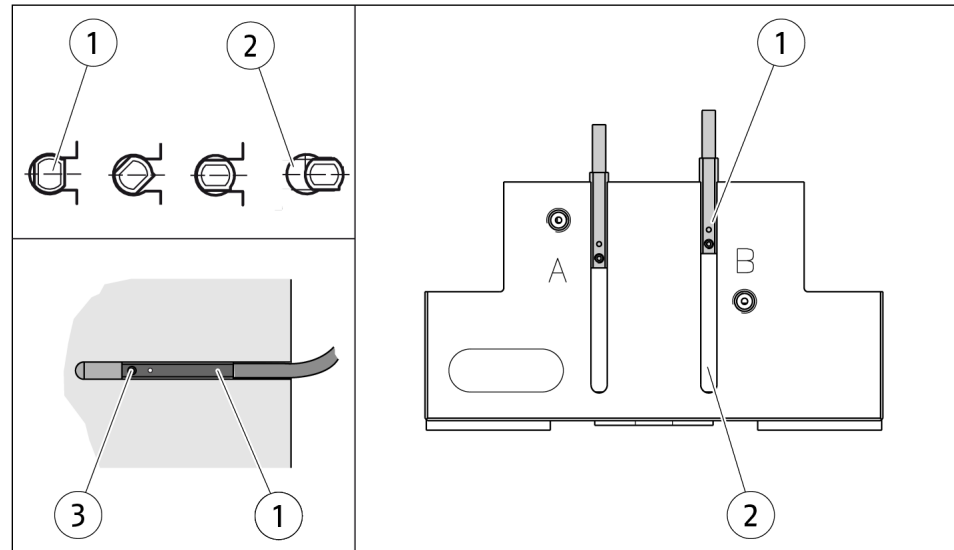
- For exact type designations of suitable sensors, see the catalog data sheet and Link Übersicht Sensoren.
- For technical data on the appropriate sensors, see the installation and operating instructions and the catalog data sheet.
 - The installation and operating instructions and the catalog data sheet are included with the sensor and are available at [schunk.com](https://www.schunk.com).
- For information on handling sensors, visit [schunk.com](https://www.schunk.com) or contact your SCHUNK representative.

5.3.1 Mounting MMS 22 or J02 magnetic switch

NOTICE

Risk of damage to the sensor during assembly!

- Observe the maximum tightening torque.



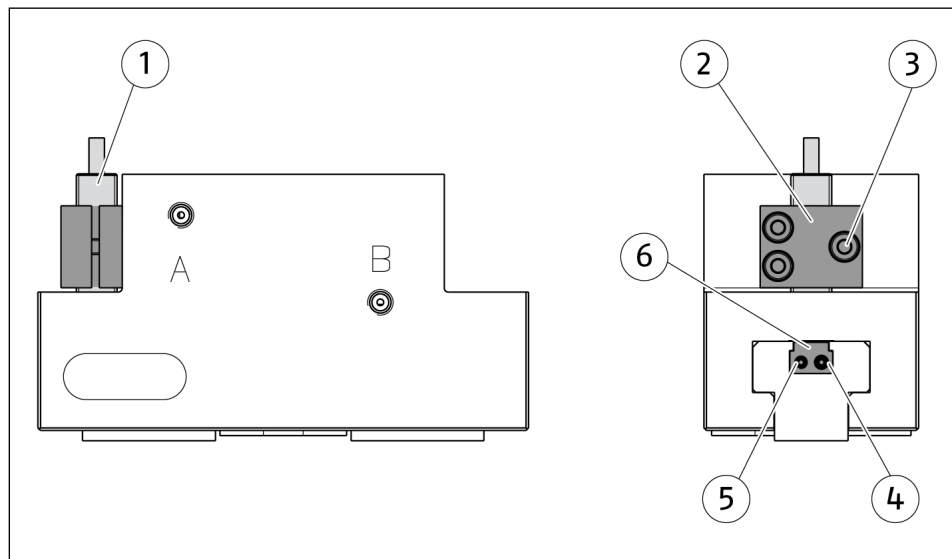
Position "Gripper open" or "Part gripped (I.D. gripping)"

1. Put the product in the desired position.
2. Turn sensor 1 (1) into the groove (2).
OR: Slide the sensor 1 (1) into the groove (2) until the sensor 1 (1) stops at the end of the groove.
3. Pull the sensor 1 (1) back again slowly until it switches.
4. Secure the sensor 1 (1) using the set-screw (3).
Tightening torque: 10 Ncm
5. Bring product into the "Gripper open" or "Part gripped" position and test the function.

Position "Gripper closed" or "Part gripped (O.D. gripping)"

1. Put the product in the desired position.
2. Turn sensor 2 (1) into the groove (2).
OR: Slide sensor 2 (1) into the groove (2) towards the middle of the housing until the sensor 2 (1) switches.
3. Secure sensor 2 (1) using the set-screw (3).
Tightening torque: 10 Ncm
4. Bring product into the "Gripper closed" or "Part gripped" position and test the function.

5.3.2 Mount the inductive proximity switch IN



Position "Gripper open" or "Gripper closed"

1. Slide the sensor 1 (1) through the bracket (2) and into the housing until it stops.
2. Tighten the screw (3) on the bracket (2).
Tightening torque: 0.2 Nm
3. Bring product into the "open" or "closed" position and test the function.

Position "Part gripped (O.D. gripping)" or "Part gripped (I.D. gripping)"

1. Slide the sensor 1 (1) through the bracket (2) and into the housing until it stops.
2. Tighten the screw (3) on the bracket (2).
Tightening torque: 0.2 Nm
3. Clamp the part to be gripped.
4. Loosen expander bolt (4) by unscrewing it from the control cam (6).
5. Turn adjustable spindle (5) in order to adjust the position of the control cam (6).
 - ⇒ **Part gripped (O.D. gripping):**
Slide control cam (6) outwards until the sensor (1) no longer responds.
 - ⇒ Move the control cam (6) back towards the inside until the sensor (1) begins to switch.
 - ⇒ **Part gripped (I.D. gripping):**
Slide control cam (6) inwards until the sensor (1) no longer responds.
 - ⇒ Move the control cam (6) back towards the outside until the sensor (1) begins to switch.

6. Screw the expander bolt (4) back in to fix the switching point.
For tightening torque see following table
7. Open the product and close it again in order to test its function.

Size	④ Max. tightening torque [Nm]	⑤Max. adjusting torque [Nm]
64	0.2	0.2
80	0.2	0.2
100	0.3	0.3
125	0.3	0.3

6 Troubleshooting

6.1 Product does not move

Possible cause	Corrective action
Base jaws jam in housing, e.g. mounting surface is not sufficiently even.	Check the evenness of the mounting surface. ▶ 5.2.1 [19]
Pressure drops below minimum.	Check air supply. ▶ 3 [16]
Compressed air lines switched.	Check compressed air lines. ▶ 5.2.2 [21]
Proximity switch defective or set incorrect.	Readjust or change sensor.
Unused air connections open.	Close unused air connections.

6.2 Product is not executing the complete stroke

Possible cause	Corrective action
Pressure drops below minimum.	Check air supply. ▶ 3 [16]
Mounting surface is not sufficiently flat.	Check the evenness of the mounting surface. ▶ 5.2.1 [19]

6.3 Product opens or closes abruptly

Possible cause	Corrective action
Compressed air lines blocked.	Check compressed air lines of damage.
Mounting surface is not sufficiently flat.	Check the evenness of the mounting surface. ▶ 5.2.1 [19]
Loading too large.	Check permissible weight and length of the gripper fingers.

6.4 Product does not achieve the opening and closing times

Possible cause	Corrective action
Compressed air lines are not installed optimally.	If present: Check the banjo fittings on the product and adjust them so that the jaw movement is impact- and bounce-free. Check compressed air lines. Inner diameters of compressed air lines are of sufficient size in relation to compressed air consumption. Flow rate of valve is sufficiently large relative to the compressed air consumption. If you still cannot achieve the open and close times in the latest catalog, we recommend the use of quick-air-vent-valves directly at the product.
Compressed air can escape.	If present, replace the gripper with a new one.
Loading too large.	Check permissible weight and length of the gripper fingers.

6.5 Gripping force gets weaker

Possible cause	Corrective action
Pressure drops below minimum.	Check air supply. ► 3 [16]
Compressed air can escape.	If present, replace the gripper with a new one.

7 Maintenance

Maintenance work and repairs are not planned. In the event of a defect, we recommend replacing the entire gripper.

8 Translation of the original declaration of incorporation

in terms of the Directive 2006/42/EG, Annex II, Part 1 Section B.

Manufacturer/ Distributor SCHUNK SE & Co. KG
Spanntechnik | Greiftechnik | Automatisierungstechnik
Bahnhofstr. 106 – 134
D-74348 Lauffen/Neckar

We hereby declare that the partly completed machine described below

Product designation: 2-finger parallel gripper / CGP /pneumatic
ID number 1658290, 1658303, 1658304, 1658305, 1658306, 1658307, 1658308,
1658309, 1658320, 1658321, 1658322, 1658323, 1658324, 1658325,
1658326, 1658327, 1658328, 1658329, 1658330, 1658331, 1658332,
1658333, 1658334, 1658335

meets the following basic occupational health and safety of the Machinery Directive 2006/42/EC:

No. 1.1.1, No. 1.1.2, No. 1.1.3, No. 1.1.5, No. 1.3.2, No. 1.5.3, No. 1.5.4, No. 1.5.6, No. 1.5.8, No. 1.5.10, No. 1.5.11, No. 1.5.13

The partly completed machinery may not be put into operation until it has been confirmed that the machine into which the partly completed machinery is to be installed complies with the provisions of the Machinery Directive (2006/42/EC). The declaration shall be rendered invalid if modifications are made to the product.

Applied harmonized standards, especially:

EN ISO 12100:2010 Safety of machinery – General principles for design –
Risk assessment and risk reduction

The special technical documentation according to Annex VII, Part B, belonging to the partly completed machine, has been created.

Person authorized to compile the technical documentation:
Stefanie Walter Address: refer to manufacturer's address

Signature: see original declaration

Dr.-Ing. Manuel Baumeister,
Head of Systems Engineering,
Technology & Innovation

Lauffen/Neckar, March 2026

9 UKCA declaration of incorporation

in accordance with the Supply of Machinery (Safety) Regulations 2008.

Manufacturer/ SCHUNK Intec Limited
Distributor Clamping and gripping technology
3 Drakes Mews, Crownhill
MK8 0ER Milton Keynes

We hereby declare that on the date of the declaration the following partly completed machine complied with all basic safety and health regulations found in the "Supply of Machinery (Safety) Regulations 2008".

The declaration shall be rendered invalid if modifications are made to the product.

Product designation: 2-finger parallel gripper / CGP / pneumatic
ID number 1658290, 1658303, 1658304, 1658305, 1658306, 1658307, 1658308,
1658309, 1658320, 1658321, 1658322, 1658323, 1658324, 1658325,
1658326, 1658327, 1658328, 1658329, 1658330, 1658331, 1658332,
1658333, 1658334, 1658335

The partly completed machine may not be put into operation until it has been confirmed that the machine into which the partly completed machine is to be installed complies with the provisions of the "Supply of Machinery (Safety) Regulations 2008".

Applied harmonized standards, especially:

EN ISO 12100:2010 Safety of machinery – General principles for design –
Risk assessment and risk reduction

The special technical documentation according to Annex VII, Part B, belonging to the partly completed machine, has been created.

Person authorized to compile the technical documentation:
Marcel Machado, address: refer to manufacturer's address



Dr.-Ing. Manuel Baumeister,
Head of Systems Engineering,
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10 Information on the RoHS Directive, REACH Regulation and Substances of Very High Concern (SVHC)

RoHS Directive

SCHUNK products are classified as "large-scale stationary installations" or as "large-scale stationary industrial tools" within the meaning of Directive 2011/65/EU and its extension 2015/863/EU "on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)", or fulfill their intended function only as part of one. Therefore products from SCHUNK do not fall within the scope of the directive at this time.

REACH Regulation

Products from SCHUNK fully comply with the regulations of Regulation (EC) No. 1907/2006 "concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)" and its amendment 2022/477. SCHUNK attaches great importance to completely avoiding chemicals of concern to humans and the environment wherever possible.

Only in rare exceptional cases do SCHUNK products contain SVHC substances on the candidate list with a mass content above 0.1%. In accordance with Article. 33 (1) of Regulation (EC) No. 1907/2006, SCHUNK complies with its duty to "communicate information on substances in articles" and lists the components concerned and the substances used in an overview that can be viewed at schunk.com/SVHC.

Signature: see original declaration

Dr.-Ing. Manuel Baumeister,
Head of Systems Engineering,
Technology & Innovation

Lauffen/Neckar, March 2026



SCHUNK SE & Co. KG
Spanntechnik | Greiftechnik | Automatisierungstechnik

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