

PGN 64-380

Control cam spare parts package

Repair Instructions

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Superior Clamping and Gripping



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Technical changes

We reserve the right to make alterations for the purpose of technical improvement.

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1 Intended use

If the sensor does not send a signal, the sensor and the control cam need to be tested and, if necessary, replaced.

2 Scope of Delivery

Designation	PGN							
	64	80	100	125	160	200	300	380
Switching cam [pcs.]	2	2	2	2	2	2	2	2
Set-screw [pcs.]	2	2	2	2	2	-	-	4
Screw [pcs.]	-	-	-	-	-	4	4	-
Clamping piece [pcs.]	-	-	-	-	-	-	-	2

3 Applicable documents

- Catalog data sheet of the product *
- Assembly and operating manual of the product *

The documents marked with an asterisk (*) can be downloaded on our homepage www.schunk.com.

4 Notes on particular risks



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.

- Switch off energy supply and secure against re-connection.
- Ensure that no residual energy remains in the system.

5 Tools/auxiliary tools

- Hexagon socket wrench

6 Recommended lubricants

not required

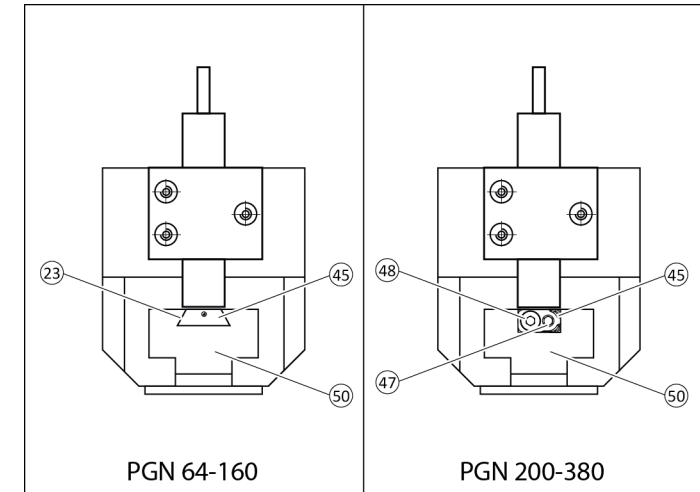
7 Tightening torque

not required

8 Threadlocker

If not stated otherwise, screws can be secured using Loctite 243 or a similar adhesive.

9 Changing the control cam



Dismantling

- Remove all compressed air lines.
- Disassemble gripper from the machine/automated system.
- **Size 64-160:** Screw set-screw (23) out of the control cam (45).
- Pull control cam (45 or 49) out of the base jaw (50).
- **Size 200-380:** Unscrew screw (48) from the control cam (45).
- Unscrew the control cam (45) from the base jaw (50) using the screw (47).

Assembly

When assembling, use the parts from the spare part package.

- **Size 64-160:** Insert control cam (45) into the base jaw (50).
- Set control cam (45) and fasten with set-screw (23).
- **Size 200-380:** Insert control cam (45) into the base jaw (50).
- Set control cam (45) and fasten with set-screw (48).
- **Size 64-380:** To set, see Sensor Assembly and Operating Manual and "PGN" Assembly and Operating Manual.
- Assemble gripper on the machine/automated system.
- Secure all compressed air lines.