

# Ergonomic control grip Sense+



- ▶ For use with Rexroth hydraulic or electronic joysticks and for customer-specific devices
- ▶ Applications:  
Excavators, Telehandler, Wheel Loaders, Mini-Excavators, Multi-Application
- ▶ Dedicated left and right hand joystick ergonomics
- ▶ Maximum configuration of components layout:
  - Up to 7 push-buttons
  - Up to 4 rocker / roller

## Features

- ▶ Thermoplastic elastomer finish, soft touch

## Compatible options

- ▶ Vibration feedback option

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## Type code

01	02	03	04	05	06	07	08
<b>A</b>	<b>V</b>	<b>NA</b>	<b>123...</b>	<b>CAB</b>	<b>123...</b>	<b>4THE5</b>	

### Handgrip type

01	Ergonomic control grip Sense+	Left hand ergonomics	<b>A</b>
		Right hand ergonomics	<b>B</b>

### Option

02	Vibration option	<b>V</b>
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### Push-button type

03	See data sheet 64080	...
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### Location of push-buttons

04	Position <b>1 2 3 4 5 6 7 8 9</b> , see configuration examples on page 3	...
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### Roller or rocker switch type

05	See data sheet 64082, 64084	...
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### Location of roller or rocker

06	Position <b>2 3 4 5 10 11</b> , see configuration examples on page 3	...
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### Joystick base compatibility

07	Hydraulic or electronic joystick base name code for grip compatibility (4THE5, 4TH5, ...)	...
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### Electrical connector

08	Microfit connector	<b>8</b>
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### ▼ 180° view Sense+



## Compatible components

Dedicated range of robust components developed for heavy-duty machine use.

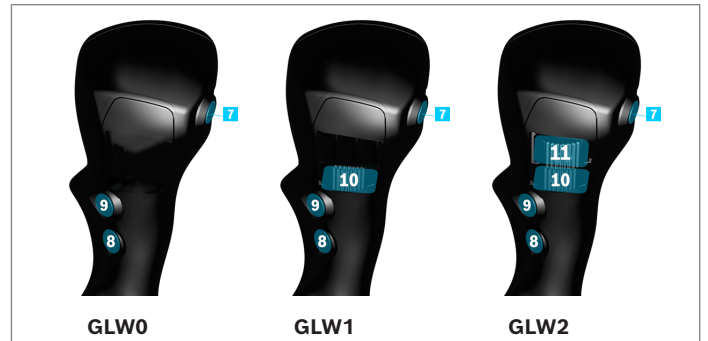
Push-buttons	
64080	Push-button Gen 3 – Dry contact
Rockers (single or 3 position stable rocker switch)	
64084	Rocker Gen 3 – Hall effect
Rollers (proportional roller)	
64082	Roller Gen 3 – Hall effect

## Configuration examples

### ▼ Left hand ergonomics, driver side configurations



### ▼ Left hand ergonomics, windshield side configurations



### ▼ Right hand ergonomics, driver side configurations



### ▼ Right hand ergonomics, windshield side configurations

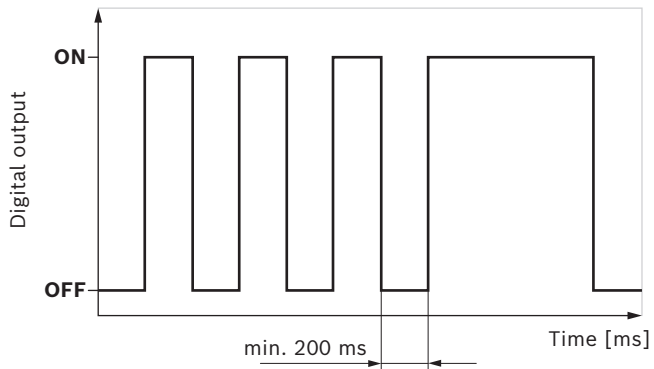


### Notice

For each configuration you are free to use all the button positions or let them plugged.  
The rollers and rockers positions are defined by the configuration.

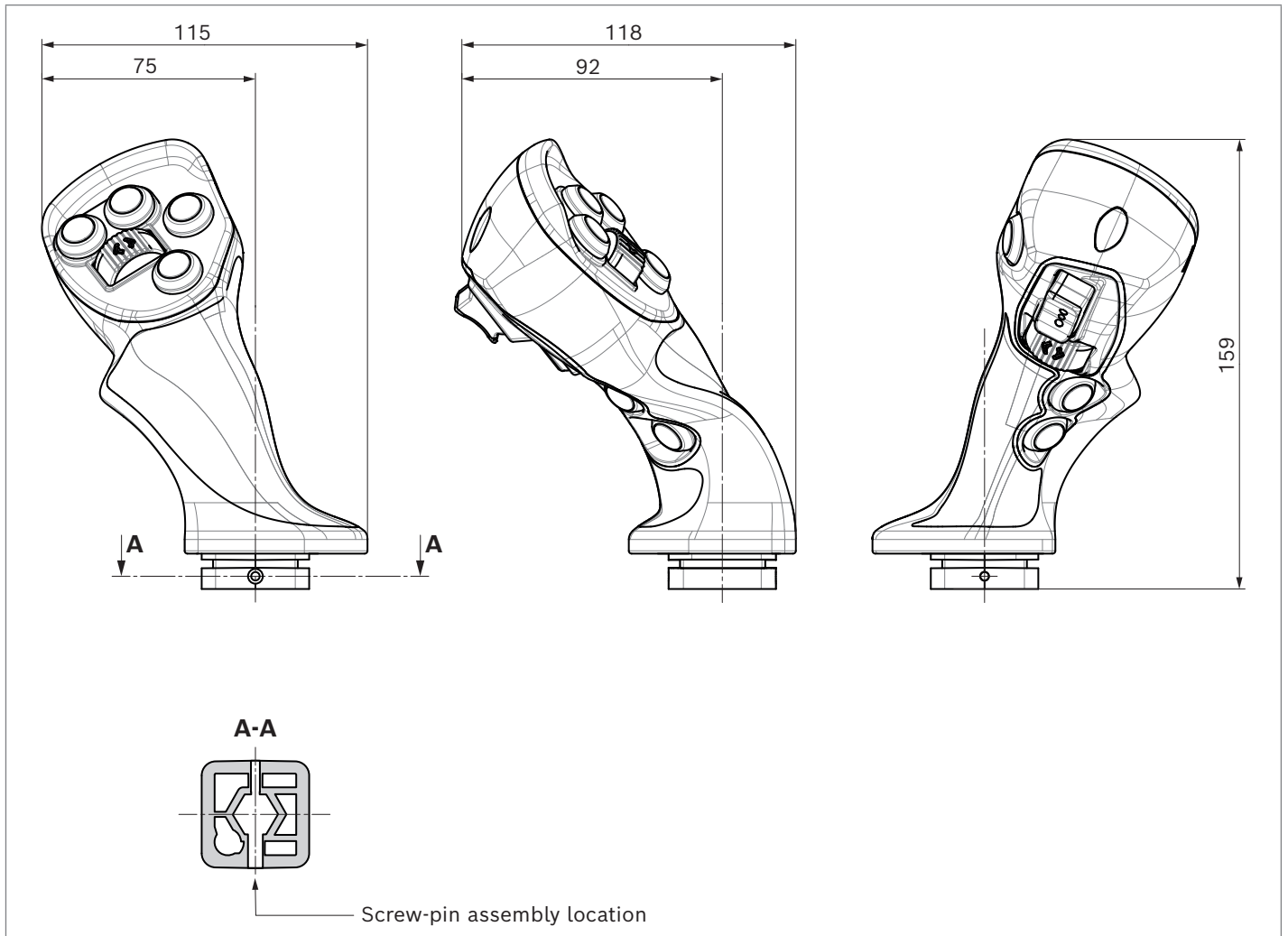
## Vibration option

Supply voltage	3 V
Current consumption	250 mA
To be controlled with On/Off patterns	See pattern example below
Minimum recommended Off time	200 ms



## Dimensions

### ▼ Ergonomic control grip Sense+



## Assembly guidelines

- ▶ Tighten the screw-pin to fix the grip onto the hexagonal lever. Required torque  $M_A = 1.5 \text{ Nm}$  (screwdriver Torx Tx15).
- ▶ Lever connection: Hexagonal bar 13 mm.

### Notice

These guidelines are not intended to be considered as complete.

## Cleaning guidelines

- ▶ Never use solvents or aggressive cleaning agents like Bleach. Clean the control grip using only water and a plastic cleaning agent if necessary.

## iF Design Award

The Sense+ has won the prestigious iF Design Award 2022 within the category Industry/Tools.



Since 1953, the iF Design Award has been one of the most important seals of quality when it comes to design and relevance in business and everyday life.

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