

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
A	V	NA	123...	CAB	123...	4THE5	

Handgrip type

01	Ergonomic control grip Sense+	Left hand ergonomics	A
		Right hand ergonomics	B

Option

02	Vibration option	V
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Push-button type

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

04	Position 1 2 3 4 5 6 7 8 9, 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 2 3 4 5 10 11, 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	8
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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

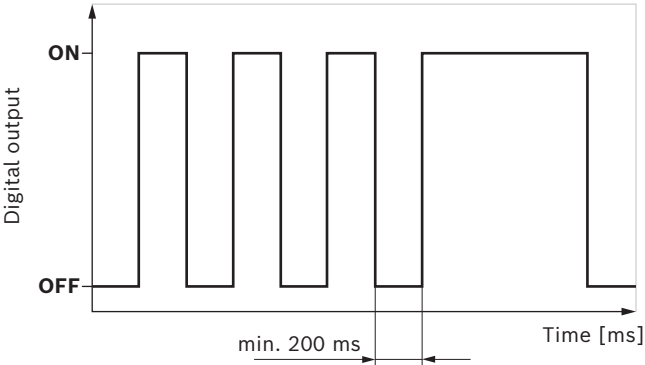


Notice

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.

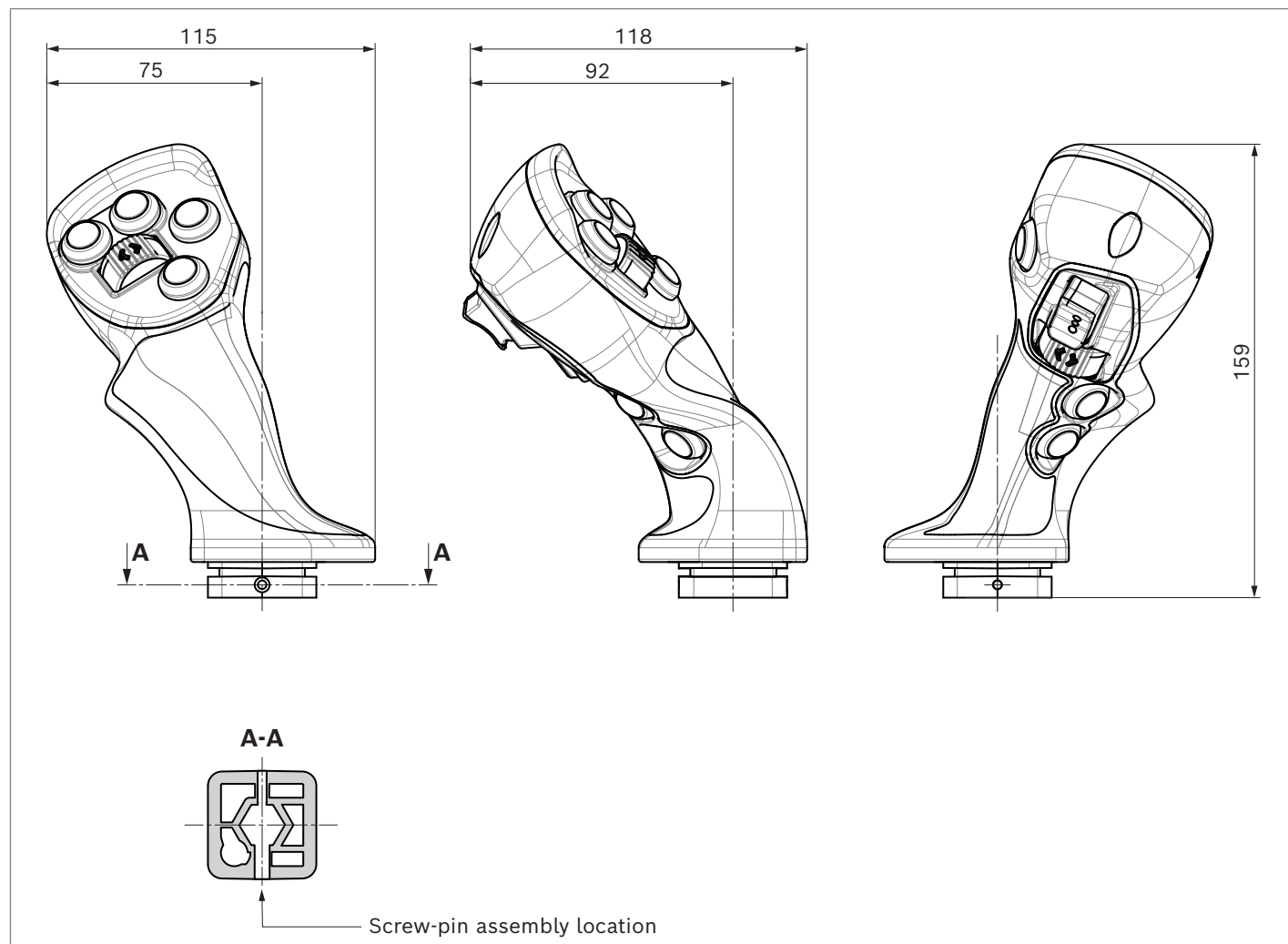
Vibration option

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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