

**One family, that masters everything  
SIPART PS100 and SIPART PS2**

# Valve control made simple

## Positioners for all requirements

**SIEMENS**  
*Ingenuity for life*

Serves every actuator



Comprehensive features



Internationally certified



Supports control systems



Simple initialization



For all applications



For every environment



Easy maintenance



Proven in use



Air capacity upgradable



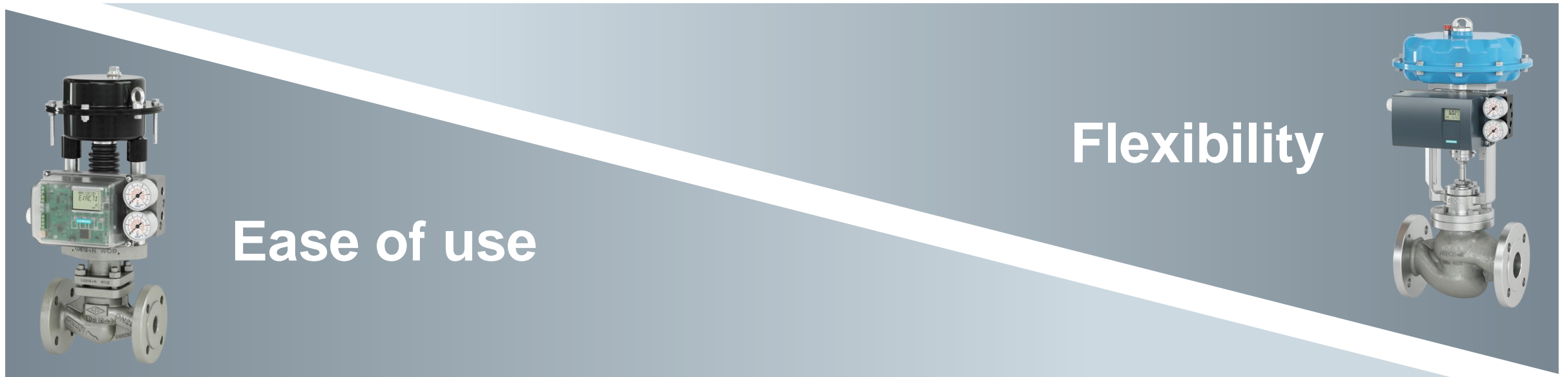
**You have the choice:**  
What are your requirements for a positioner?

**SIEMENS**  
*Ingenuity for life*



One that masters everything

SIPART PS2



Ease of use

Flexibility



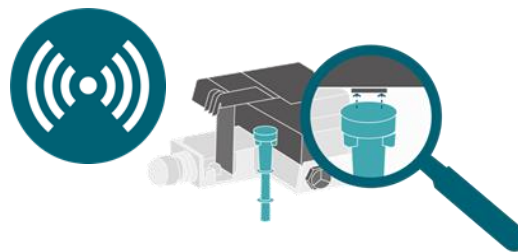
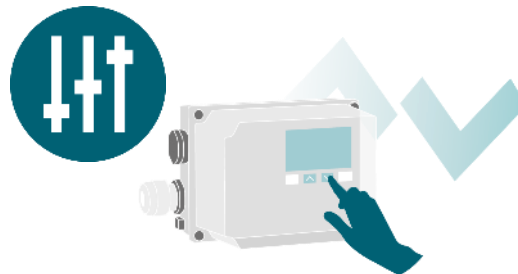
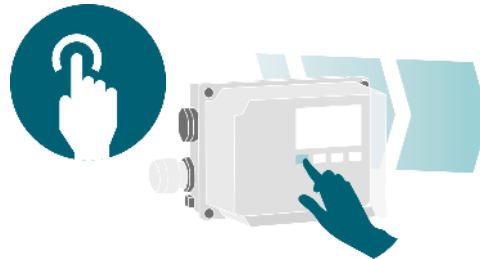
SIPART PS100

One that masters the essential

# SIPART PS100:

One that masters the essential

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## Quick to initialize

- One-push-initialization: initialize at the push of a button
- Device automatically adjusts to the connected valve

## Easy selection of control mode

- Application parameters to select a range of modes, for example: precise control, on/off operation, booster applications
- Maximum performance for every application

## Non-contacting sensor

- Vibration-resistant
- Non-wearing
- Accurate and continuous detection of valve position

# SIPART PS2:

One that masters everything

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## Modularity

- Expandable with additional functions at any time
- Maximum flexibility for every application



## Expanded diagnostic functions

- Improved monitoring through additional pressure sensors
- Stable control even in case of leakage
- Maintenance information on the condition and alerts according to NE107



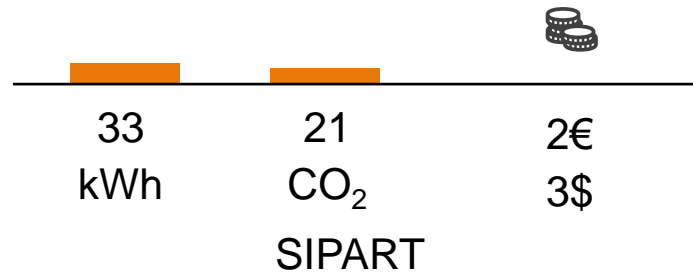
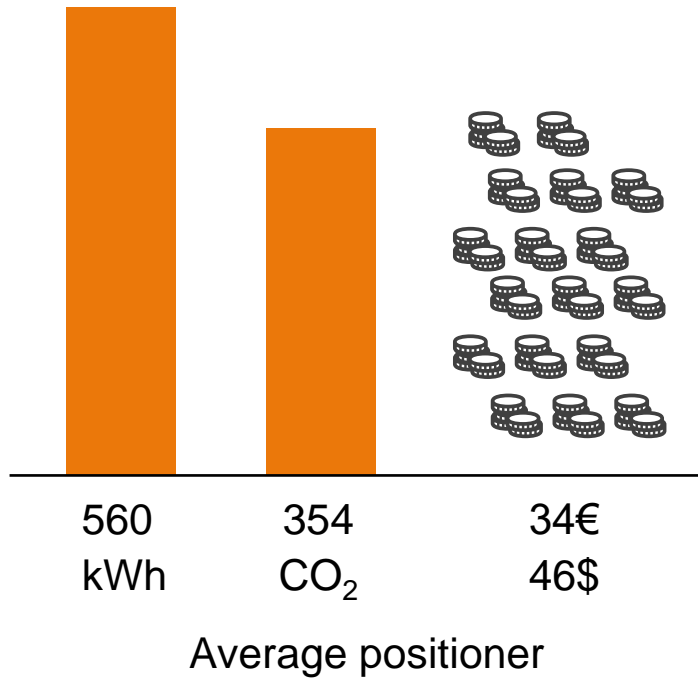
## Digitalization

- Extensive control and diagnostic options using the valve monitoring app
- Fast and predictive determination of valve maintenance requirements
- Information transmitted to higher-level maintenance systems

# Total cost of ownership 90% savings

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**We pay for ourselves  
after a few  
months!**



Source: Average use of positioners from ARC study 2012

# The SIPART family:

## Features and technical specifications

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	SIPART PS100	SIPART PS2
<b>Housing</b>	Aluminum, polycarbonate-cover	Polycarbonate, aluminium , stainless steel
<b>Premium Diagnosis</b>	No	Yes
<b>Retrofitting modules</b>	No	Yes
<b>Limit values</b>	No	2 (electrical, mechanical or capacitive)
<b>Digital Input / Digital Output</b>	1 DI / 1 DO	2 DI / 3 DO
<b>External position monitoring</b>	No	Yes
<b>Communication</b>	4..20mA, HART 7 *	4..20mA, HART 7, Profibus PA, FF
<b>Ex</b>	<ul style="list-style-type: none"> <li>• ATEX, IEC &gt; Ex i, ec, t *</li> <li>• FM, CSA &gt; IS, NI/I/2, DIP *</li> </ul>	<ul style="list-style-type: none"> <li>• ATEX, IEC &gt; Ex i, ec, t, Ex d</li> <li>• FM, CSA &gt; IS, NI/I/2, DIP, XP</li> </ul>
<b>Ambient temperature</b>	-20 ... +80 C° -4 ... +176 F°	-30 ... +80 C° , Option: -40 C° -22 ... +176 F° , Option: -40 F°
<b>SIL</b>	No	Yes

\* From October 2020



# Thanks for your attention!

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