

PIA-Selector

Product selection, configuration and more for sensors and analytics in process and factory automation



PIA-Selector

Answers for industry.

SIEMENS

PIA-Selector

Product selection and configuration made easy!

The PIA-Selector® is a web-based application for easy and comfortable product selection and configuration, resulting in plausible order numbers.

You can access the PIA-Selector® around-the-clock at www.siemens.com/pia-selector.

The application offers you active support in finding the best solution from the extensive Siemens portfolio of sensors and process analytical products and their possible applications in the process and factory automation. You can select between several selection access options to find the appropriate product solution for your specific requirements:

- The so-called “direct accesses” actively place you directly in the configuration of the product you are seeking.
- With the “guided selection,” you first select the appropriate application, technology or industrial sector. Next, you specify the measurement task based on the various relevant parameters for your particular application. As a result, you also narrow down the spectrum to the appropriate products, saving you valuable time.

PIA-Selector® – easy, quick and comprehensive!

The screenshot displays the Siemens PIA-Selector web application interface. At the top, the Siemens logo is visible on the left, and navigation links for "siemens.com" and "Automation and Drives" are on the right. Below the header, there are language options (Deutsch, Français, Español, Magyar, PRC) and a "Contact" link. The main navigation bar includes "Home", "My PIA-Selector", "Guided selection", "Direct entrances", "Product list", "Configuration", "Project list", "Store & Calculator", and a "New Products" button. The main content area is titled "SELECT & CONFIGURE your appropriate instrumentation or analytic product from Siemens." and is divided into two columns. The left column, under "Guided selection", features four large buttons: "ProductSelection by Technology", "ProductSelection by Application", "ProductSelection by Industry", and "Sizer & Calculator". The right column, under "Direct entrances", contains several form-based options: "PRODUCT NUMBER & CONFIGURATOR" (with a "Product number" input field and a "Start" button), "PRODUCT NAME SELECTOR" (with a "Product family" dropdown and a "Start" button), "CLASSIFIER" (with a "Class No." dropdown and a "Start" button), "Spareparts & Accessories", "Classic Selection tree", and "BulkUpload for Order Number Check". The footer contains copyright information for Siemens AG (2006-2007) and a note that the PIA-Selector is a registered trademark of Siemens AG.

The PIA-Selector thus represents an online selection, configuration and information system for all aspects of sensors and analytics in process and factory automation. You can use it to easily find a product suited to your needs and generate its order number in the configuration.

All advantages at a glance:

- Convenient support of the product selection process by answering simple questions – from the measuring point to the product
- Variety of selection possibilities
- Error-free and quick configuration
- Quick creation of a project list for order inquiry
- Different possibilities for processing data and information (e.g. Word, Excel, XML, eClass)
- Storage and administration of projects online
- Product selection for accessories and spare parts
- Permanent availability of application and product knowledge around-the-clock and worldwide
- Latest product data and information for Siemens sensors and analytics in process and factory automation
- Product selection by means of standardized class systems or the product name
- Can be linked to external processes and engineering software by supporting inquiries based on standardized classification systems
- No separate installation needed
- Can be linked to B2B systems and online markets
- Integrated in the A&D Mall online ordering system
- Can be accessed without login at www.siemens.com/pia-selector

PIA-Selector

Your path to quick product selection and configuration

Station A: Guided selection

Starting the selection with the guided access points, you will be guided step-by-step through the selection process. For this, you first define either the desired technology, your type of application or the location of the device in your process system. This initially narrows down the wide product range.

The collage illustrates the PIA-Selector workflow. It starts with a grid of product images (STRANS P, STRANS T, STRANS S, STRANS L, STRANS M, STRANS N, STRANS O, STRANS Q, STRANS R, STRANS S, STRANS T, STRANS U, STRANS V, STRANS W, STRANS X, STRANS Y, STRANS Z). A process flow diagram shows the selection path. A detailed process schematic shows the application of the selected product. A grid of application-specific images (e.g., 'Food Technology', 'Pharmaceuticals') shows the guided selection process. The final screenshot shows the Siemens website's 'SELECT & CONFIGURE' interface, which includes a search bar, navigation links, and a 'Guided selection' section with options like 'Product Selection by Technology', 'Product Selection by Application', 'Product Selection by Industry', and 'Sizer & Calculator'. The right side of the interface shows 'Direct entrances' for 'PRODUCT NUMBER & CONFIGURATION', 'PRODUCT NAME SELECTOR', 'CLASSIFIER', 'Spareparts & Accessories', 'Classic Selection tree', and 'Bulk Upload'.

Station B: Parameter Selector

Further selection takes place within the Parameter Selector. Here, by answering simple questions regarding requirements of your application and characteristics of the device or the location environment, you receive an assortment of suitable products for your needs. A variety of different parameters are offered for this purpose.

The screenshot displays a list of product recommendations:

- Radar:** Long-range FMCW radar level transmitter for use in solids storage vessels up to 100 m (328 ft). Order based programmer required!
- Ultrasonic:**
 - Efficient IFS-10 sensor: Based on your input there is no more suitable ultrasonic transmitter available. A typical system has additionally an ultrasonic transmitter. Do not forget to select this component as well in case you do not need only a sensor. The IFS-10 is designed for a wide variety of liquid and solids applications up to 10 m.
 - ISIRI400 L1-10: Non-contacting ultrasonic level monitor for ranges up to 10 m on bulk solids or liquid applications up to 10 vessels. A typical system has additionally a sensor. Do not forget to select this component as well.
- Guided wave radar (GWR):** A guided wave radar transmitter for short and medium range level, level/interface, and volume measurement of liquids and solids, of process applications, and steam. A typical system consists of the LG20 transmitter and a reflector. Do not forget to select this component as well.

Parameter Selector

Application: Solids & continuous

Technology:

Process temperature: to °C

Process pressure: Pa (bar abs)

Measuring distance max: m

Non contact measurement: Yes

Mounting position:

Process connection:

Type of solid:

Electric conductive media:

Aptitude:

Type of tank:

Design:

Sensor built up: Yes

Dirty environment: Yes

Very abrasive materials: Yes

Pneumatic filling: Yes

Communication:

Ex certificate:

Adjustment without filling: Yes

Welded nozzle protection:

Radar & Ultrasonic:

Nozzle diameter:

Nozzle length:

Selection Information

<input type="radio"/> Radar-paddle	0 of 0
<input type="radio"/> Guided wave radar (GWR)	2 of 6
<input type="radio"/> Infrared	0 of 10
<input type="radio"/> Capacitive	0 of 18
<input type="radio"/> Radar	1 of 11
<input type="radio"/> Ultrasonic	10 of 18
<input type="radio"/> Vibrator switch	0 of 8

Below you see the amount of products suitable for your application (out of 184 products).

The various technologies can have different status:

- For the application you specified, the technology is **available**.
- For the application you specified, the technology is **conditionally available**. It is necessary to consult us!
- For the application you specified, the technology is **not available**.

In case of questions, use the function of the Product Support Request.

Fixed Probe

Flexible twin rod bulk solids (FM, LK2); Flexible twin rod (FM, LK3); applications where coating and buildup are possible. A typical system consists of the LG20 or Do not forget to select this component as well.

Station E: Special functions

Spare Parts & Accessories:

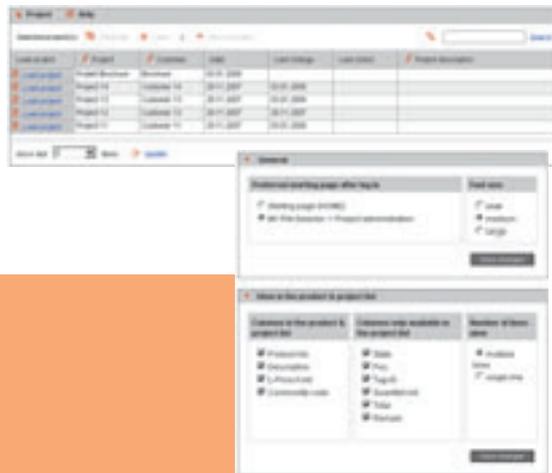
The easiest way to find suitable accessories and spare parts for your product.

Bulk Upload:

This function offers you a convenient option for verifying several product numbers at once and adding these products to the project list.

Personalized PIA-Selector: My PIA-Selector

Sign up and take advantage of the possibility of "My PIA-Selector": Save and manage your personal projects and define which information is relevant for you.



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For further information, visit:

www.siemens.com/pia-selector

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