Data Table Handling

The data table element enables you to structure the information in a form. It is useful if the user needs to enter similar information several times, for example different positions in one order form. The data table offers a number of configuration options, so that you can adapt it to your needs. Depending on your choice in the table configuration, the executed table offers the user different functionalities.

> ⓘ The **Instance List** is a special form of the data table which is created for every BPMN model. Refer to Configuring the Instance List for detailed information.

Table Configuration

The configuration options of the data table and its column configuration options are explained in detail in this column.

≣ Attributes	✕
Properties	⌃
Name	table_OrderPositions
Description	Enter text
Rows per Page	5
Label	Order Positions
Column Configur…	5 🔗
No Data Text	No order positions have be…
Add Row	☑
Remove Row	☑
CSS Class	Enter text
+ Add Stereotype	

Table Execution

In this column you can see the result of the selected table configuration.

With the ✚ icon the user can add new rows to the table:

Order Positions ⊕ 🗑 ▽

☐	Item	Quantity	Price

No order positions have been entered yet. Click + to add data.

Simple_Data_Table_Example

Click the icon to download a simple example model that shows how to **use the data table element** in **Scheer PAS** *Designer*.

Instance_List_Example

Click the icon to download a simple example model that shows the usage of the instance list in **Scheer PAS** *Designer*.

DataTable_ClickAction_Example

Click the icon to download a simple example model that shows how you can **use the clickAction trigger event for data tables** in **Scheer PAS** *Designer*.

Attributes

Properties	
Name	table_OrderPositions
Description	Enter text
Rows per Page	5
Label	Order Positions
Column Configur...	5
No Data Text	No order positions have be...
Add Row	☑
Remove Row	☑
CSS Class	Enter text

+ Add Stereotype

By selecting the checkbox of a table row and then clicking the 🗑 icon, the corresponding row is deleted from the table. The number of selected rows is displayed below the table:

Order Positions + 🗑 ▼

	Item	Quantity	Price
☐	AF-1200 Adapter	5	64.50
☑	Free Catalog	1	0

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Selecting the checkbox in the header row selects all table rows and clicking then the 🗑 icon deletes them from the table:

Order Positions + 🗑 ▼

☑	Item	Quantity	Price
☑	AF-1200 Adapter	5	64.50
☑	Free Catalog	1	0

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Editable Content and Content Type

For each column you can specify whether the user should be able to edit the data. You must also specify the data type. Available types are:
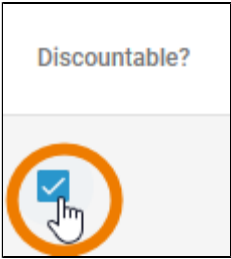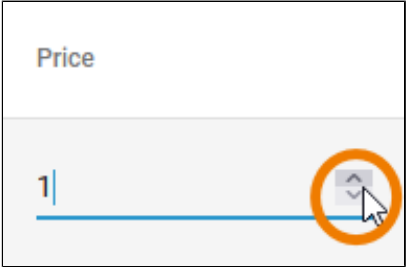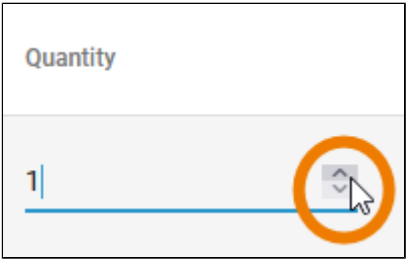
- **String**
- **DateTime**
- **Boolean**
- **Float**
- **Integer**

The type selection determines how the user can fill the respective columns if you marked them as editable:

Type	Description	Column in Executed Form
String	The column shows text fields where the user can enter content. He can use the handle in the right lower corner to resize the field.	
DateTime	A date field displays a calender icon. The user can enter the date manually in the field or click on the icon to open a calendar from which he can select the date.	

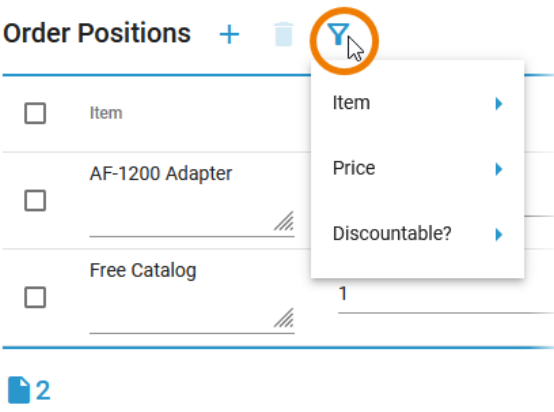|		
Boole an	Columns with type Boolean show a checkbox (true = checkbox is activated).	
Float	The user can enter numbers manually or count up and down using the displayed arrows.	
Integer	The user can enter numbers manually or count up and down using the displayed arrows.	

Filtering the Table Content

For each column you can specify whether the content should be added to the additional filter:

Your choice determines the content of the additional filter in the executed form. To set an additional filter for the table, click icon ▽ :
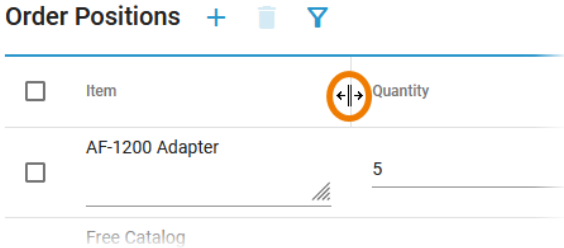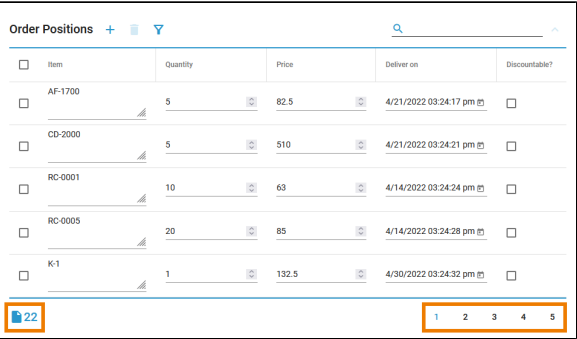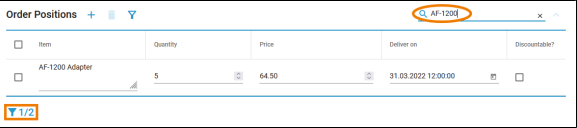
Functionalities Available Only in the Executed Data Table

> ⓘ The following functionalities are available by default in the executed data table and cannot be turned off via the table configuration.

You can resize the width of the columns of the data table with your mouse by drag and drop.

The counter in the table footer shows the current count of table items. If the maximum row count is exceeded, a pagination is displayed. You can use it to navigate through the various table pages.

Use the search field to apply a full-text search to the content of the data table.

The number of hits is displayed in the table footer.