

Real-time price lists

CONTINUE Software GmbH © 2021

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1 Introduction

The real-time price list service is used to create real-time price lists. Price lists can be individually configured using various filters and mappings.
A link is created via which the price list can be accessed. The link can also be created without the service. The BaseURL is the price list domain of the selected shop. Shop is the abbreviation of the selected shop. These parameters are set automatically, unless the download link is created without the service.

Name	URL	Shop
Api Computerhandels GmbH	https://pricelist.api.de	api
Api Österreich GmbH	https://pricelist.api-oesterreich.at	apiat
Api B.V.	https://pricelist.apibv.nl	apibv

2 Application

For processing in the price list tool, it is necessary to specify all data that is marked as mandatory parameters.
The following example downloads the pricelist and saves it under the file name pricelist.csv.
The words marked in red must be replaced with the desired information.

https://BaseURL/pricelist/?cid=**CustomerNumber**&shop=**Shop**
&attachmentFilename=pricelist.csv

2.1 Automated price list download

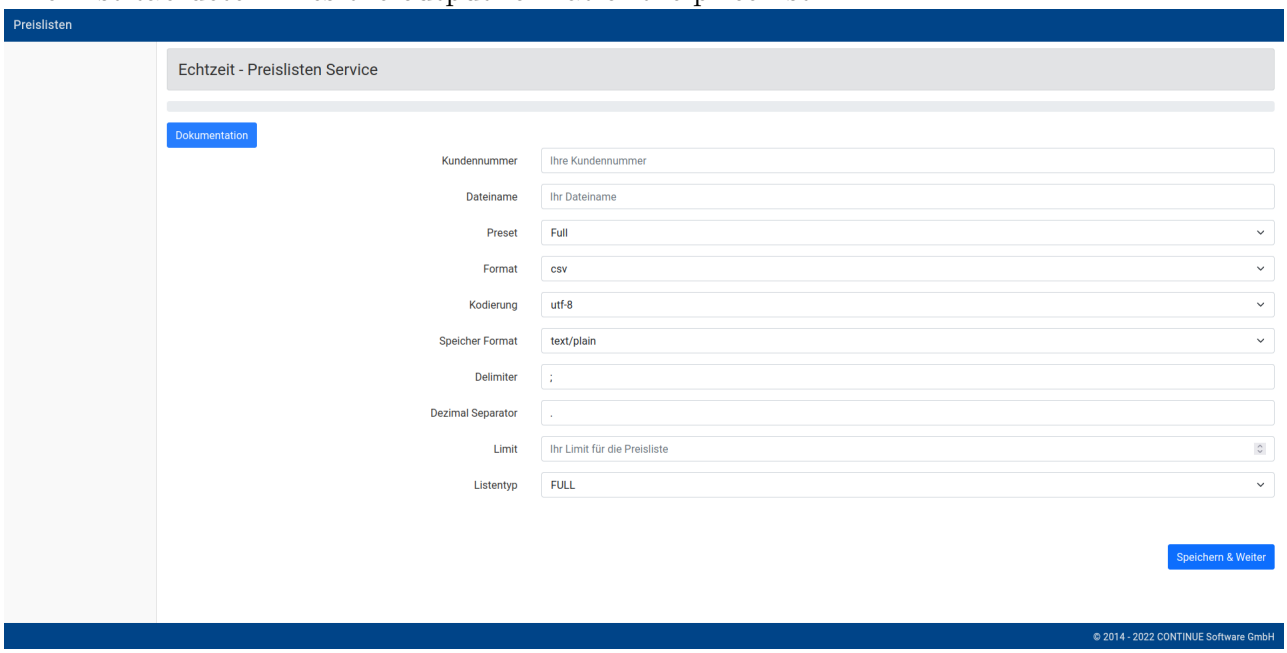
For the automated price list download, the program cURL (available for Windows and Unix/Linux) must be used.
The following example downloads the price list and saves it under the file name pricelist.csv.
[password] and [CustomerNumber] must be replaced with the login data.

curl -o pricelist.csv -u [**CustomerNumber**]:[**password**]https://BaseURL/pricelist/?cid=
CustomerNumber&shop=**Shop**&opt[]=SPEAKING_AVAILABILITY_TAGS

The price list can be accessed a maximum of 3 times within 15 minutes.
For a detailed explanation, click here to see the cURL documentation

2.2 1.Tab

The first tab determines the output format of the price list.



2.2.1 Customer number

The relevant customer number must be entered here.

2.2.2 File name

The desired file name is set here.
Only if a file name is set will the price list be offered for download.

2.2.3 Preset

A preset determines whoch product data is listed in the list.
With addMap, additional map parameters can be added; it is located unter mapping.

https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop**&preset=stockPrice
&addMap=title

Preset	Description	Content
stockPrice	Generates the price list exclusively with prices, stocks and availability of the items	map=sku;stock;currency;price; availability;externalStock
full	Standard Preisliste	map=sku;stock;currency;price; title;manufacturer;msku;ean;egId; lwg1;availability;weight;width; depth;height;externalStock
fuman	Default Fuman Format	map=sku;title;availability;wg1; wg2;wg3;lwg1;lwg2;lwg3; description;price;msku;weight; width;height;depth;ean decSeparator = "." , opt[] = APPEND_EOF, charset = iso-8859-1

2.2.4 Format

The following formats are available:

Format	**Description**
csv	Displays the price list in csv format.
xml	Displays the price list in xml format.
html	Displays the price list in html format.
bmecat	Displays the price list in bmetcat format.
pricat	Displays the price list in pricat format.

As URL:

https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop&format=Format**&map=
sku;title;price:Preis;stock;manufacturer:Manufacturer

2.2.5 Encoding

UTF-8 and ISO-8859-1 are available for encoding. UTF-8 is the standard encoding.

2.2.6 Storage format

Choose between the storage format text/plain, text/csv and text/xml.

2.2.7 Delimiter

Here you can select the delimiter with which the individual data on the price list should be seperated. The default is the semicolon (;) (it is recommended to select different characters for the delimiter and decimal seperator, otherwise problems may arise).

2.2.8 Decimal Separator

Here you can select the decimal seperator, which is the character that should be used to seperate decimal numbers (when selecting the csv format, a comma (,) and a semicolon (;) as a delimiter are recommended). The default here is the dot (.) (it is recommended to select different characters for the decimal seperator and delimiter, otherwise problems may arise).

2.2.9 Limit

The limit can be used to limit the number of products displayed (not only a specific section can be displayed, but the count always starts from the first product in the price list). The default value is NONE. Consequently, a complete price list is always created unless a limit is set (for SINGLE_SKU it is not necessary to set 1).

2.2.10 List type

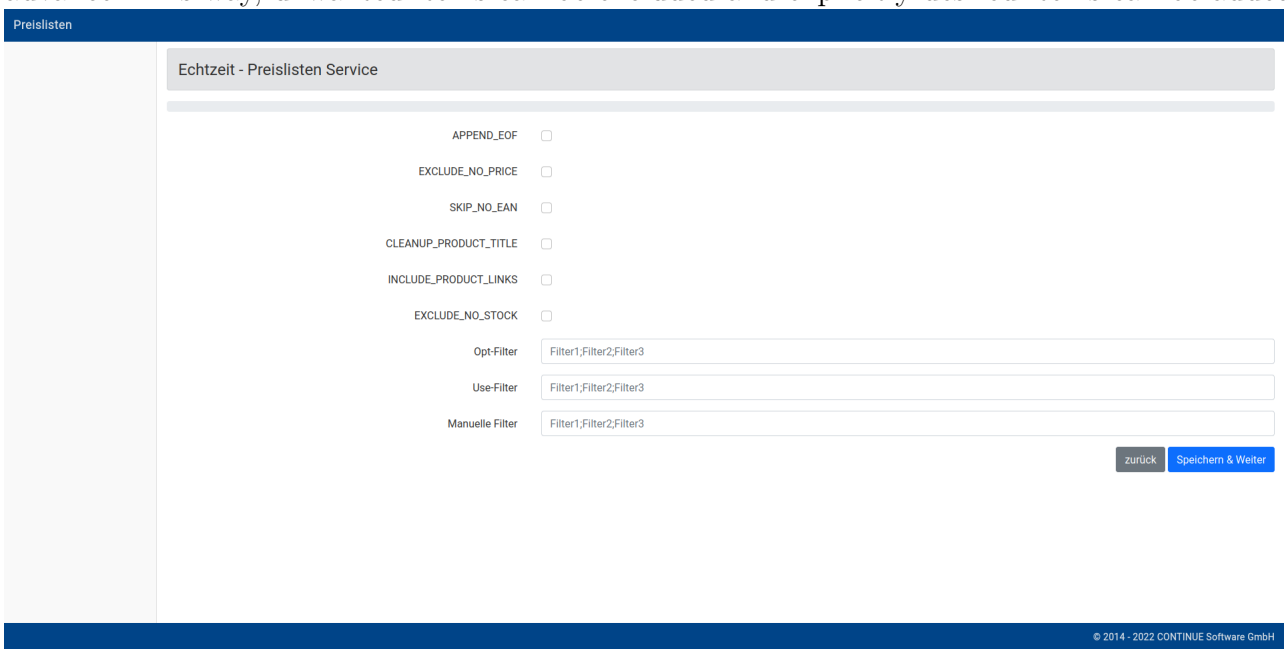
Under List Type you select what type the price list should have. You can choose between four different types. The default value is **FULL**.
When building an Url, specify the desired ListType after **&action=**.

https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop**&action=&shop=**ListType**

ListType	Description
FULL	A complete price list will be downloaded.
SINGLE_SKU	Only one product is displayed. To do this, the item number (SKU) of the product must be specified.
INCREMENTAL	Downloading the changes to the product price list since the last query.
CONFIRM_INCREMENTAL	Setting the last incremental price list as the basis for the next price list.

2.3 2.Tab

In the second tab, various filters can be selected. Filters can be used to filter or manipulate price lists in advance. This way, unwanted items can be excluded and explicitly desired items can be added.



2.3.1 Options filters

With the help of options, various filters can be added that manipulate the content and structure of the price list. These filters can be added by selecting them or by entering them in the corresponding field ("Opt-filter").
If more than one filter is used, they must be separated with a semicolon. With **&opt[ ]=Filter**, these can also be added directly to the download link. If more than one filter is used, it must be appended to the download link with another **&opt[ ]=Filter**.

https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop**&opt[]=
SKIP_NO_EAN&opt[]=APPEND_EOF

Filter	**&opt[ ]=**	**Description**
	APPEND_EOF	Appends a pseudo-article with the article number 999999 to a CSV file
CleanupTitleFilter	CLEANUP_PRODUCT_TITLE	Beautifies the ProductTitle (removes control characters, double spaces, etc.)
EnergyLabelFilter	EXCLUDE_NO_ENERGY _LABEL	Excludes items which dont have a energy label set
BestellartikelAusschlussFilter	EXCLUDE_NO_PRICE	Excludes Products which dont have a price specified
ExcludeHaulierArticleFilter	SKIP_HAULIER	Excludes freight items
ExcludeMinOrderQtyFilter	EXCLUDE_MIN_ORDER_QTY	Excludes Products with a minimum order quantity
ExcludeNoStockFilter	EXCLUDE_NO_STOCK	Excludes items that are out of stock
PriceOnRequestProductFilter	INCLUDE_PRICE_ON _REQUEST	Adds products with "Price on request" with price = 99999.99
PriceOnRequestProductFilter	INCLUDE_PRICE_ON _REQUEST_ZERO	Adds products with "Price on request" with price = 0.00
PriceOnRequestProductFilter	INCLUDE_PRICE_ON _REQUEST_ONLY	Only adds products with "Price on request" to the list
IncludeApiProductLinksFilter	INCLUDE_PRODUCT_LINKS	Adds the web link entered for Api
RemoveRestockDateForStocked	REMOVE_RESTOCK_DATE _FOR_STOCKED	Sets nextExpectedStockDate to an empty string, if an article is in stock
EmptyEanFilter	SKIP_NO_EAN	Excludes all items that have no or an incorrect EAN

Filter	&opt[ ]=	Description
AvailabilityFilter	SPEAKING_AVAILABILITY _TAGS	Replaces “B”, “K”, “W”, “F” with “instock”, “outofstock”, “limitedavailability”, “limitedavailability”

2.3.2 Use filters

These filters are added directly to the download link by entering them in the corresponding field (“UseFilter”) or by adding **&useFilter=Filter** to the link.
If more than one filter is used, the next filters are appended to the previous filter with a semicolon.

https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop**&useFilter=RemoveDoubleMSku;ChangeTitleToEN

&useFilter=	Description
AddCopyright	Adds a Copyright to the price
ChangeTitleToEN	Translates the titles into english
ChangeTitleToES	Translates the titles into spanish
ChangeTitleToFR	Translates the titles into french
ChangeWgToNL	Translates the titles into dutch
EXCLUDE_SOFTWARE	Excludes defined software
AvailabilityTrueFalse	Availability is set to 1 or 0
RemoveDoubleMSku	Removes items with duplicate MSKU
RemovePipeFilter	Removes the pipes (“|”) in the title of the articles
EAN Filter	
FillEan13	Fills the EAN at the front with zeros until it is 13 characters long
RemoveDoubleEan	Excludes items with double EAN, the top item is displayed
RemoveEan14	Excludes items with EAN, that are 14 characters long

2.3.3 Manual filters

These filters are added by entering them in the corresponding field (“Manual-filters”) or simply by appending them directly to the download link with a (&) sign.

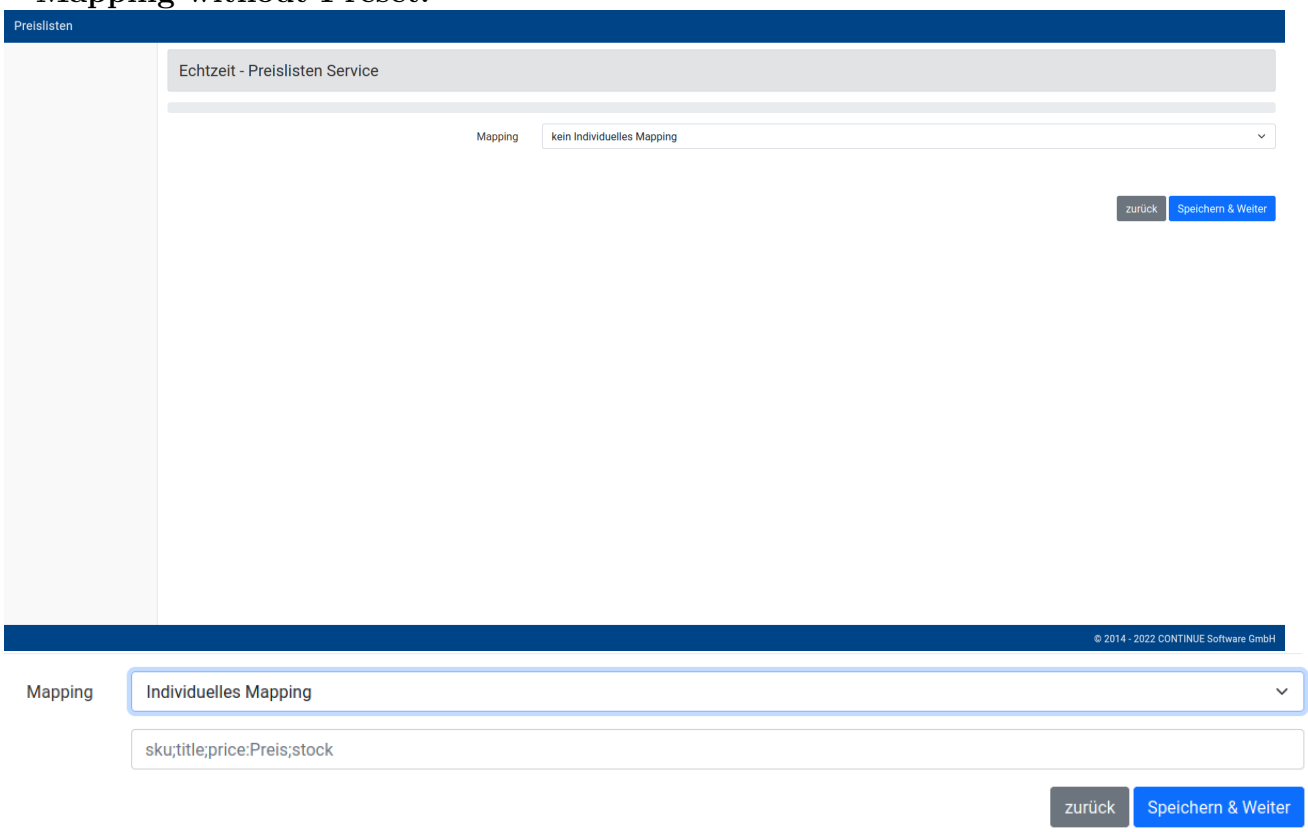
https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop**&weightMultiplicator=10

Filter	**&Filter Examples**	**Descripiton**
OnlyProjectArticlesFilter	&onlyProjectArticles[CRITERIA/MAP/FIELD] =(VALUE_1);...;(VALUE_n)	Only adds Values from Projects. You can search criteria or fields for values
ProjectArticleFilter	&projectTermMinPurchaseQty=5	If it is a project item, the minimum purchase for project conditions is set here. If it is not a project item, the column is empty
ReplaceUmlautsFilter	&replaceUmlauts=nameOfColumn	Columns can be specified here in which umlauts and ’ß’ are replaced
ResultLimitFilter	&limit=50	Limits the displayed entries
WeightMultiplicatorFilter	&weightMultiplicator=10	Multiplies the weight by the defined value
MeasurementMultiplicator Filter	&measurementMultiplicator=100	Multiplies the height, width and depth by the given value

2.4 3.Tab

Individual mapping can be added in “Mapping”. To add your own parameters, select “Individual mapping” under “Mapping”. If no preset has been selected, a field will open in which the parameters can be entered. If a preset has been selected, “Individual mapping” must also be selected and the paramters must be entered in the “Add map” field. If several Parameters are added, they must be seperated with a semicolon. If the parameters should have different names, they can be renamed with a colon “:” parameter.

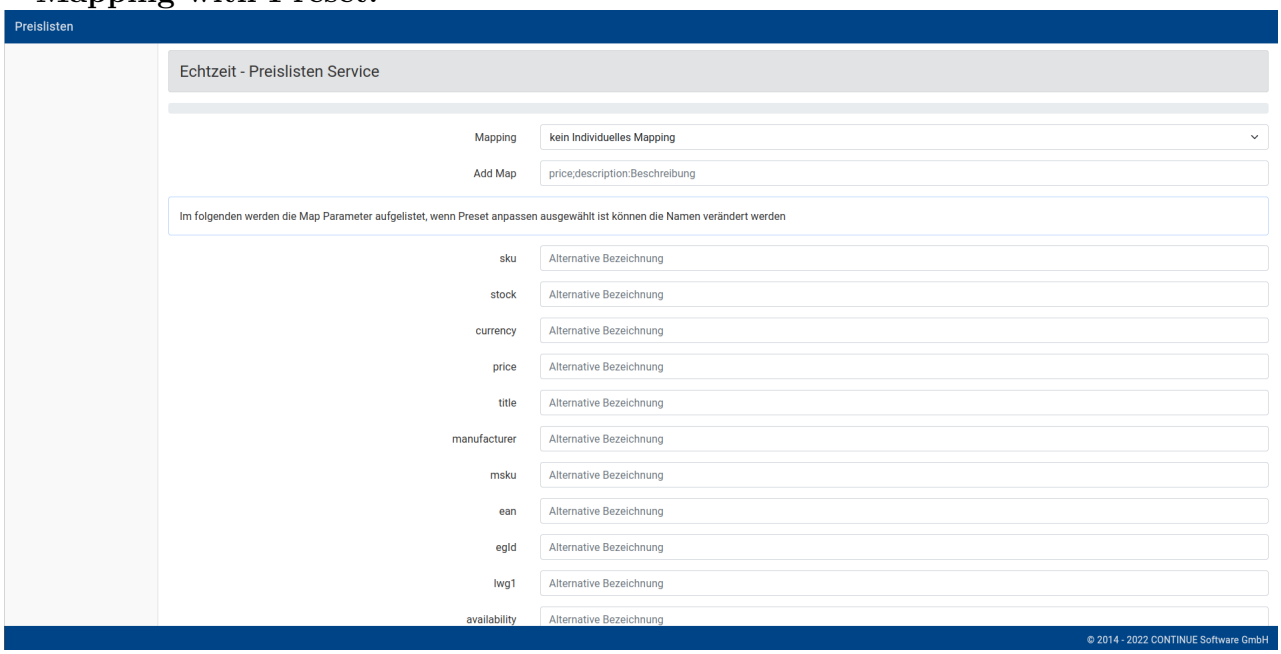
Mapping without Preset:



As URL:

https://**BaseURL**/pricelist/?cid=**CustomerNumber**&shop=**Shop**&map=sku;title;price:Price;stock;manufacturer:Manufacturer

Mapping with Preset:





As URL:

https://**BaseURL**/pricelist/?cid=**CustomerName**&shop=**Shop**&preset=full&addMap=deliveryTime;deliveryDate;gpsrName:ManufacturerName

2.4.1 Parameters

Field	Description	Info
accessories	Product-Accessories-SKUs	
articleType	Article types	Shows if an article is refurbished (REF)
availability	Availability	B: In Stock; K: Not in stock; W: Goods in transit; F: Goods received
batteryEquipment	batteryEquipment	
batteryUnNumber	UnNumber	
batteryCells	Cells	
batteryCapacityWH	Battery capacity (Wh)	
batteryCapacityMAH	Battery capacity (mAh)	
batteryTensionVolt	Battery voltage (volts)	
batteryWeightKG	Battery weight (kg)	
battvo	Batt-Reg.-Nr. DE	

Field	Description	Info
cancelDate	Calcellation date of the discontinued item	
copyrightCharge	copyright fee	e.g.: apiat: URA; apibv: thuiskopie
currency	Currency of the prices. Unless otherwise stated on EUR (Euro)	
customerSku	The product sku defined by the customer	
customerTitle	The product title defined by the customer	
dangerFactor	Hazardous materials factor	
deliveryDate	Delivery date	
deliveryTime	Delivery time (days)	High values can be caused by products without stock
depth	Product depth (meters)	
description	Description	
dummy	Empty column	
ean	EAN	European Article Number
eclass80	ECLASS 8.0	
eclass150	ECLASS 15.0	
egId	Customs tariff number (EC goods number)	
energyEfficiency	Energy efficiency	
energyLabelLink	Link to the energy label	
eprelID	EPREL ID	
evk	manufacturer's suggested retail price	
externalId	Can be assigned to e.g. set your own customer number in the price list	
externalStock	External stock	
flySector	Flight Section	
frachArt	Type of cargo	
gf9	hazardous materials	
glnApi	Api's global location number	43 99902 05693 9
gpsrCity	GPSR City	e.g.: Aachen
gpsrCountry	GPSR Country	e.g.: Germany
gpsrEmail	Manufacturer Email	e.g.: info@info.de
gpsrName	Manufacturer name	e.g.: Verbatim GmbH
gpsrPostal Address	GPSR Address	Auf dem Schnüffel 3 52072 Aachen, Germany

Field	Description	Info
gpsrPostalCode	GPSR ZIP Code	e.g.: 52072
gpsrStreet	GPSR Street with house number	e.g.: Auf dem Schnüffel 3
gpsrSupportUrl	Link to the shop site	e.g.: www.tragant.de/kontaktformular
gpsrTelefon	GPSR phone	
gpsrUrl	Manufacturer website	e.g.: www.tragant.de
hasEnergyLabel	Shows whether this article has an energy label	
hasFixprice	TopPrice (isFixprice)	
height	product height (meters)	
imageLinks	Image links	All image links, sperated by comma
importType	Can be used to specify the import type.	
isBulk		
isBulkGood	Indicates that the item must be shipped via a freight carrier	
isMeasurement Cargo	Bulk items	
isPalletShipping	Pallet Shipping	
itemGroup	Product group	
lastOrderDate	The customer's last order date for this item	
lwg1	API defined product group (written out)	
lwg2	Manufacturer (written out)	Can also be a Subsidiary
manufacturer	Manufacturer	
maxDeliveryTime	maximum delivery time	
maxOrderQty	maximum order quantities	
minDeliveryTime	minimum delivery time	
minOrderQty	minimum order quantities	
minProjectQty	For project items, the minimum order quantity is listed here	
msku	Manufacturer Product Number	
nextExpected StockAmount	Quantity of the next expected delivery	
nextExpected StockDate	Date of the next expected delivery	
originCountry	Country of origin	
packinstrukt	packing instructions	
price	Product price	
priceOnRequest	Price on request	
priceWith Copyright	Price with copyright fee	

Field	Description	Info
primaryImageUrl	Image link of the primary image	
productCat	Product category is used, when the product groups are not sufficient	
productFiche	Product Sheet	
productUrl1	ProductUrl1	Links from field “imageLinks” (which does not need to be set) will be split up between fields “productUrl1-5”
productUrl2	ProductUrl2	
productUrl3	ProductUrl3	
productUrl4	ProductUrl4	
productUrl5	ProductUrl5	
projectTermMin PurchaseQty	Minimum purchase for project conditions	If not project article => empty
promotionCategory	Promotion category	
returnCost	return costs	
shippingCost	Shipping costs	
shopLink	Link to the product (with sku) in the shop	
sk2	Special indicator 2	If \ set => order item
sku	Article number	
stock	inventory	
stockAggregate	Sum of Stock and externalStock	
taxCode	Tax identifier	0 = not taxable, 1 = fully taxable, 2 = reduced taxable
title	article name (short text)	
topPrice	TopPrice (Fixed Price)	
tunnelCode	Tunnel Code	
typeOfShipping	Shipping type indicated whether the item is pallet goods or bulky goods	S: bulky goods P: pallet goods
uvp	MSRP/RRP	
volumetricWeight	Volume Weight (for Air Freight)	Calculated based on the dimensions
Vp1	Quantity per package (VPE)	Always 1
Vp2	Quantity per package (VPE)	
Vp3	Quantity per package (VPE)	
weeenr	Manufacturer number assigned to electrical appliances after registration with the ear Foundation	
weight	Product weight (kg)	

Field	Description	Info
wg1	Api defined product group (abbreviation)	
wg2	Manufacturer (abbreviation)	Can also be a Subsidiary
width	Product width (meters)	
xmlDescriptionLink	Link to product details	Currently unavailable

2.5 GET-Parameters

The download link is put together from the various GET parameters. In order for the download link to be loaded successfully, the mandatory parameters must be set. These GET paramters are required of the download link is put together manually.

Parameters marked with * are mandatory

Parameter (Parameters are each appended with an &)	**Example**	**Description**
shop*	&shop=API	API|APIBV|APIAT Which shop should be called
cid*	&cid=6542	customer number
action	&action=FULL	list type
addMap	&addMap=currency &addMap= price:Price;weeenr:WEEE	Extends a preset with the following fields. Using a ":" the name for the header of the field can be changed
attachmentFilename	&attachmentFilename= Filename.csv	If set, the price list will be offered for download under the specified name
changeValuesFilter	&changeValues[FIELD]= Value1:NewValue1; Value2:NewValue2	If the fields values equals one of the defined values, it will be replaced by the defined new value.
characterLimiter	&characterLimit[propertyName][limit]=Numert-Value; &characterLimit[propertyName][limitCharacter]=String-Value; &characterLimit[propertyName][inclusiveLimiter]=Something	If [limit] is set, the String of the field will be shortened. [limitCharacter] can be used to split at a defined point. [inclusiveLimiter] ensures that, for example, a "." is not excluded as a separator.
charset	&charset=utf-8	utf-8 | iso-8859-1 coding
constTextFilter	&constText[MwSt]=19%	Define a constant value for the given field

Parameters marked with * are mandatory

Parameter (Parameters are each appended with an &)	**Example**	**Description**
decSeparator	&decSeparator=,	decimal seperator
delimiter	&delimiter=.	Seperator for the individual data of the price list
defaultValueFilter	&defaultValue =title:name;price:0	Define a default value, should the value be NULL or empty
includeMap	&includeMap[SPALTENNAME] =WERT_1;...;WERT_n	includes data with the passed values
excludeMap	&excludeMap[SPALTENNAME] =WERT_1;...;WERT_n	excludes data with the passed values
maxWeight	&maxWeight=20	Excludes all items over the specified weight (kg)
minWeight	&minWeight=20	Excludes all items under the specified weight (kg)
recency	&recency=10	Returns items that are newer than the specified value (days)