

dpd

PICKUP Services

Customer documentation

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1 Introduction

1.1 Document purpose

The purpose of the document is to describe how the MyPICKUPServices network service works. The methods of the service will be presented, along with sample requests and service responses.

1.2 Glossary

Term	Definition
PUDO point	(PUDO - PickUp DropOff) point offering pick-up and drop-off, not necessarily an official DPD facility

1.3 Service addresses

Environment	Service URL
PROD	https://mypudo.dpd.com.pl/api/v2/

1.4 Authorization

Authorization to the service and to its methods is performed either by an authorization key or by providing a login and password in the Basic Auth header of the call. If a key is used, it must be included in the URL of the service's method queries as an additional required parameter of the

- key. The value of this parameter is an alphanumeric string, and it is unique for each API customer of the service. In order to obtain the key or login and password, the DPD customer should report to his/her account manager.

An example of a request with the key parameter:

`https://mypudo.dpd.com.pl/api/v2/pudo/list/byaddress?requestID=1&countryCode=POL&city=Warszawa&zipCode=01390&key=some_value`

Where "some_value" is the unique value of the key. In the rest of the queries included in this document, the key value will also be undisclosed. To verify the sample queries, insert the correct value of the key parameter.

If the key is not specified in the query, a message like the following will be displayed:

```
{
  "code": "327",
  "message": "Authorization key or token is required"
}
```

If an incorrect or inactive key is specified, a message as follows will be displayed:

```
{
  "code": "314",
  "message": "Invalid key or authorization token"
}
```

1.5 Configuration

Within the service configuration there are the following parameters:

- instanceDelay – the length of the search period;
- maxDistanceSearch – maximum searched distance in meters;
- maxPudoNumber – maximum number of points searched;
- partner – name of the partner;

The range of parameter values are set by DPD. If you specify an incorrect value for any of the above parameters in the query, an error message will be displayed.

For a full list of error messages, see the subsection Downloading the full list of points

1.5.1.1 Input parameters:

Parameter name	Description	Format Possible values	/ Required parameter
key	Used to authorize the API customer. See Authorization	String	Yes / No
countryCode	The code of the country for which the point list is to be returned, given in ISO 3166-1 alpha3 format	String (e.g.: POL)	Yes
partner	Partner name	String	No

1.5.1.2 Output parameters

The response to a valid query will contain a list of PUDO points in the form of an XML document that meet the submitted search criteria in the input parameters. In case none of the available points meet the criteria, an empty collection will be displayed along with the set query ID.

Parameter name	Description	Format / Possible values
pudoItems	A collection of point data matching the search criteria.	List<PudoItem>
pudoItem	Point data. The overloaded attribute currently has a fixed value of “false”. The active attribute defines whether the point is active on a given day.	Composite type
pudoId	Point identifier.	String (e.g. PL11033)
order	Is always equal to 1.	Integer
pudoType	Point type. Values according to the Glossary of PUDO point types	Integer
servicePudo	List of available services in the point. Values separated by a semi-colon. Values according to the Dictionary of available services	String (e.g. 100; 101; 200; 201)
language	The language in which the point address is specified. IS 3166-1 alpha-2.	String (e.g. PL)
address1	Street along with building and premises number.	String
address2	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 field).	String
address3	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 ADDRESS2 field).	String
locationHint	Additional location information	String
zipcode	Zip code without hyphen.	String (e.g.: 00001)
city	The city in which the point is located.	String
country	Country given in ISO 3166-1 alpha3 format	String
longitude	Longitude of the point.	Decimal
latitude	Latitude of the point.	Decimal
parking	Whether, at the point, there is a car park for customers.	Boolean (true/false)
handicape	Whether the point is friendly to the handicapped.	Boolean (true/false)
partner	Partner name	String

openingHoursItems	List of opening hours of the point for particular days of the week, in the case the point has more than one hourly interval for a given day of the week will include two OpeningHour items with the same value for DAY_ID and different values for opening hours.	List<openingHoursItem>
openingHoursItem: dayId	No. of the day of the week in which the point is open 1 – Monday, 2 – Tuesday,..., 7 – Sunday	Integer
openingHoursItem: startTm	Opening hour of the point at a given date. Format: HH:MM	String (e.g.: 11:30:00)
openingHoursItem: endTm	Time when the point was closed on a given day. Format: HH:MM	String (e.g.: 19:00:00)
holidayItems	List of holiday days for the point.	List<holidayItem>
holidayItem: startTm	Date, from which the point operator is on the holiday. Format: DD/MM/YYYY	String
holidayItem: endTm	Date, until which the point operator is on the holiday. Format: DD/MM/YYYY	String
pudoTypeInfo	Type of activity of the point.	String
servicePudoInfos	List of additional information concerning the services offered by the point.	List<servicePudoInfo>
servicePudoInfo	The item containing additional information, related with: the service. In the key attribute the service code is provided to which the information relates. The VALUE element contains additional information about the service.	Composite type
name	Name of the point.	String
localizationInstructions	Localization instructions.	String

1.5.1.3 Sample query

<https://mypudo.dpd.com.pl/api/v2/pudo/list/bycountry?countryCode=POL>

1.5.1.4 Sample answer

```
{
  "quality": 1,
  "requestID": "1",
  "pudoItems": [
    {
      "active": true,
      "overloaded": false,
      "pudoId": "PL12037",
      "order": 1,
      "pudoType": "100",
      "pudoTypeInfo": "Główny rodzaj działalności: Paint, wallpaper, decoration.", "name":
      "Dikom, Okna, Rolety D. Majewski M.Majewska",
      "language": "PL", "address1":
      "Świetlików 3",
      "locationHint": "Dikom, Okna, Rolety: 602-256-916", "zipCode":
      "localizationInstructions": "Next to the town hall",
      "zipCode": "01390",
      "city": "Warszawa",
      "country": "POL",
      "longitude": "20.9105",
      "latitude": "52.227",
      "parking": true,
      "handicape": false,
      "openingHoursItems": [
        {
          "dayId": 1,
          "startTm": "11:00",
          "endTm": "18:00"
        },
        {
          "dayId": 2,
          "startTm": "11:00",
          "endTm": "18:00"
        },
        {
          "dayId": 3,
          "startTm": "11:00",
          "endTm": "18:00"
        },
        {
          "dayId": 4,
          "startTm": "11:00",
          "endTm": "18:00"
        }
      ],
      "holidayItems": []
    }
  ]
}
```

Error handling

```
{
  "errors": [
    {
      "code": "REQUEST",
      "subcode": "BAD_REQUEST",
      "userMessage": "Pole maxPudoNumber przyjmuje wartości całkowitoliczbowe z przedziału od 1 do 25."
    }
  ]
}
```

Note – lockers, i.e. machines for releasing packages, in the PUDO_TYPE field are 400401 or 400402, whereas in the case of foreign lockers this is 400. Example:

```
"pudoType": "400401"
```

2 Business Description

MyPICKUPServices is the service responsible for providing information about PUDO points. The service allows the retrieval of data based on:

- the address of the point;
- geographical coordinates of the point;
- the point identifier;
- the partner name;

If the required parameters are not provided or the parameters are not in the correct format, the service will return an appropriate message with the error code.

2.1.1 Address-based search for points

The method is used to find points based on the address parameters provided in the query. Available parameters:

- address – street with building number and possibly premises;
- zip/postal code – postal code without hyphen;
- city – the city in which the point is to be searched;
- country – country code of the country where the point is located, code according to ISO 3166-1 alpha-2 or alpha-3;
- partner – partner name

2.1.2 Search for points based on geographical coordinates

The method is used to find points based on the specified geographical point along with the maximum distance from which points will be searched.

2.1.3 Search for Points using a shortcut

The method is used to find information about a point based on a given abbreviation - point ID. Maximum one point is always displayed.

2.1.4 Other business issues

2.1.4.1 Glossary of available services

Servicecode	Symbol	Description
100	DELIVERY	Acceptance at the Pickup point
10001	FITTING_ROOM	Fitting room
10002	CARD_PAYMENT	Card Payment
10003	PINPAD	Collection via PIN code
101	COD	COD
102	PUDO_TO_SEND	Sending a package without a label
112	D-FRESH	DPD Food
300	SWAP	Return package (RP)
200	DROPOFF_ONLINE	Sending a paid shipment
201	DROPOFF_OFFLINE	Assignment on site + payment
204	DIGITAL_LABEL	Sending parcels without a label
P20	ROD	Return documents
P30	TYRES	Tyres
P40	LQ	Dangerous shipment

2.1.4.2 Glossary of PUDO point types (pudoType field).

Type code	Description
100	Standard point - an individual shop
200	Network point - a shop that its brand is present in many places in the country
300	Employee-operated point - DPD depots and points owned by DPD
400401	National parcel machine (SwipBox Classic) - a machine with a screen (currently discontinued) - no application required
400402	National parcel machine (SwipBox Infinity) – a machine without a screen - requires application
500501	Pointpack Point - a point that belongs to a huge networks of stores operating all over the country (like ABC, Dino and others)
500502	Pointpack Point - a point that belongs to the Žabka network
400	Foreign parcel machine a locker of any type operating outside Poland
501	Foreign external pickup point - any foreign point that does not belong to any network

2.1.4.3 Holiday range

The search for available points is performed within the time range defined as follows:

- from dateFrom + one day (inclusive);
- to dateFrom + one day + instanceDelay (inclusive);

A point is filtered out (not returned) if the designated number of vacation days is greater than holidayTolerant in the examined time interval.

The effect of these parameters on the search results is illustrated by the following examples.

Example 1

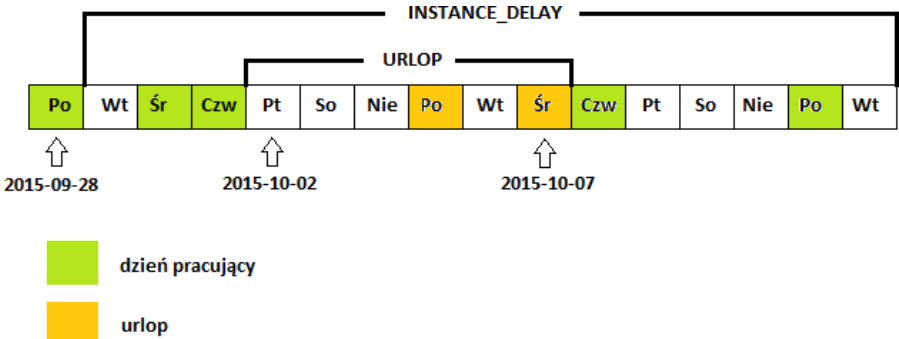
The point is open:

- Monday 8 am – 4 pm
- Wednesday 9 am – 2.30 pm
- Thursday 8 am - 4 pm

The operator point is on holiday from 2015-10-02 (Friday) to

2015-10-07 (Wednesday). The parameters are set as follows:

- Today is 2015-09-25
- dateFrom (given in the query): 2015-09-28
- instanceDelay (configuration received from DPD): 15 days



INSTANCE_DELAY	INSTANCE_DELAY
URLOP	LEAVE
Po	After
Wt	Tue
Śr	Wed
Czw	Thu
Pt	Fri
So	Sat
Nie	Sun
Dzień pracujący	Working day

Will this point be displayed in response? This depends on the holidayTolerant value specified:

- If holidayTolerant is not specified or 0 is specified in the query: NO

- holidayTolerant = 1: NO
- holidayTolerant = 2: YES
- holidayTolerant = 3: YES

Example 2

The point is open:

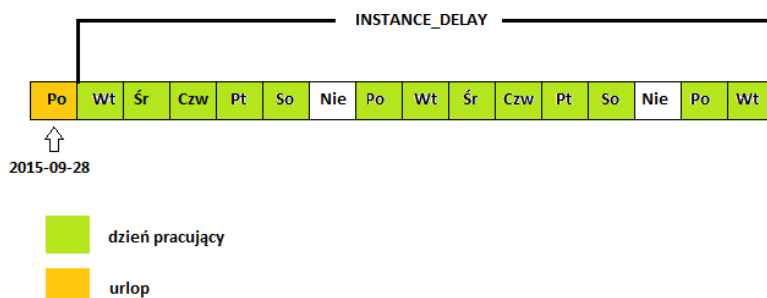
- Monday - Saturday 8 am - 4 pm The

operator point is on holiday on 2015-09-28

(Monday) The parameters are set as

follows:

- Today is 2015-09-28
- dateFrom (specified in the query) is: 2015-09-28
- instanceDelay (configuration received from DPD): 15 days



instanceDelay	instanceDelay
Po	After
Wt	Tue
Śr	Wed
Czw	Thu
Pt	Fri
So	Sat
Nie	Sun
Dzień pracujący	Working day
urlop	leave

Will this point be displayed in response? The holiday of today is not taken into account because points are searched from the next day (here: 2015-09-29). Since in the range of days searched (instanceDelay), the point has no reported unavailability, then regardless of the holidayTolerant specified, the point can be displayed in the response:

- If holidayTolerant is not specified or 0 is specified in the query: YES
- holidayTolerant = 1: YES
- holidayTolerant = 2: YES
- holidayTolerant = 3: YES

3 Description of the service structure

3.1 Description of interface methods

3.1.1 Searching for a point based on an address

3.1.1.1 Input parameters:

Parameter name	Description	Format Possible values	Required parameter
requestID	The query ID given by the API customer in an alphanumeric string with a maximum length of 30 characters. It is used to identify queries on the customer side of the API. The assigned value will be placed in response to the query.	String (e.g. zap001)	Yes
key	Used to authorize the API customer. See Authorization	String	Yes / No
address	Street incl. : number of the building and possibly the premises.	String	No
zipCode	Zip code without hyphen.	String (e.g. 01390)	Yes
city	City where the point is located	String	No
countryCode	Code of the country where the point is located, code according to ISO 3166-1 alpha-3	String (e.g. POL)	No
dateFrom	Theoretical time, from which the service is to be effected. API adds 1 day to this date due to the time it takes to prepare the shipment for shipment and transportation time. Format: DD/MM/YYYY Default: current date Minimum: current date Maximum: current date + 21 days	String (e.g. 02/02/2018)	No

holidayTolerant	To what extent to include inactive points. Accepts the following values: 0, 1, 2, 3. See the holiday scope	Integer	No
servicePudoDisplay	Whether to display point service codes: 0 – do not display in response 1 – display in the response. The default value is 0.	Integer	No
partner	Partner name	String	No
maxPudoNumber	Maximum number of points, that we want to be included in the answer. The minimum value of this parameter is 1. If this parameter is not provided, the maximum number resulting from the configuration is assumed.	Integer	No

3.1.1.2 Output parameters

The response to a valid query will contain a list of PUDO points in the form of an XML document that meet the submitted search criteria in the input parameters. In case none of the available points meet the criteria, an empty collection will be displayed along with the set query ID.

Parameter name	Description	Format / Possible values
requestId	Query ID rewritten from the query sent.	String
pudoItems	A collection of point data matching the search criteria.	List<PUDO_ITEM>
pudoItem	Point data. The overloaded attribute currently has a fixed value of “false”. The active attribute defines whether the point is active on a given day.	Composite type
pudoId	Point identifier.	String (e.g. PL11033)
order	Is always equal to 1.	Integer
pudoType	Point type. Values in accordance with Glossary of PUDO point types	Integer

servicePudo	List of available services in the point. Values separated by a semi-colon. Values according to the Dictionary of available services	String (e.g. 100; 101; 200; 201)
language	The language in which the point address is specified. ISO 3166-1 alpha-2.	String (e.g. PL)
address1	Street along with building and premises number.	String
address2	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 field).	String
address3	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 and ADDRESS2 field).	String
locationHint	Additional information on location of the point.	String

address3	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 and ADDRESS2 field).	String
locationHint	Additional information on location of the point.	String
zipcode	Zip code without hyphen.	String (e.g. 01390)
city	The city in which the point is located.	String
country	Country given in ISO 3166-1 alpha3 format	String
longitude	Longitude of the point.	Decimal
latitude	Latitude of the point.	Decimal
car park	Whether there is a car park for customers at the point.	Boolean (true/false)
handicape	Whether the point is friendly to the handicapped.	Boolean (true/false)
openingHoursItems	A list of the point's opening hours for each day of the week, in case the point has more than one time slot for a given day of the week, the list will include two OpeningHour items with the same value for DAY_ID and different values for opening hours.	List<OpeningHoursItem>
openingHoursItem: dayId	The day number of the week in which the point is opened. 1 – Monday, 2 – Tuesday,..., 7 – Sunday	Integer
openingHoursItem: startTm	Time when the point was opened on a given day. Format: HH:MM	String (e.g. 11:30:00)
openingHoursItem: endTm	Time when the point was closed on a given day. Format: HH:MM	String (e.g. 19:00:00)
holidayItems	List of holiday days for the point.	List< holidayItem>
holidayItems:startTm	Date from which the point operator is on holiday. Format: DD/MM/YYYY	String
holidayItems:endTm	Date until which the point operator is on holiday. Format: DD/MM/YYYY	String
partner	Partner name	String

pudoTypeInfo	Type of activity of the point. In the key attribute, the code of the point type to which the information applies is passed. The VALUE element contains additional information about the service.	Composite type
servicePudoInfos	List of additional information about services offered by the point.	List<servicePudoInfo>
servicePudoInfo	Object containing additional information associated with the service. The key attribute provides the code of the service to which the information relates. A VALUE item includes additional information about the service.	Composite type
name	Name of the point.	String
localizationInstructions	Localization instructions.	String

3.1.1.3 Sample query

https://mypudo.dpd.com.pl/api/v2/pudo/list/byaddress?requestID=zap001&city=Warszawa&zipCode=05075&servicePudo_display=1

3.1.1.4 Sample answer

Searching for a point based on an address – response:

```
{
  "quality": 1,
  "requestID": "1",
  "pudoItems": [
    {
      "active": true,
      "overloaded": false,
      "pudoId": "PL12037",
      "order": 1,
      "pudoType": "100",
      "pudoTypeInfo": "Główny rodzaj działalności: Paint, wallpaper, decoration.",
      "name": "Dikom, Okna, Rolety D. Majewski M.Majewska",
      "language": "PL",
      "address1": "Świetlików 3",
      "locationHint": "Dikom, Okna, Rolety: 602-256-916",
      "localizationInstructions": "Next to the town hall",
      "zipCode": "01390",
      "city": "Warszawa",
      "country": "POL",
      "longitude": "20.9105",
      "latitude": "52.227",
      "parking": true,
    }
  ]
}
```


"handicape": false,

```

"openingHoursItems": [
  {
    "dayId": 1,
    "startTm": "11:00",
    "endTm": "18:00"
  },
  {
    "dayId": 2,
    "startTm": "11:00",
    "endTm": "18:00"
  },
  {
    "dayId": 3,
    "startTm": "11:00",
    "endTm": "18:00"
  },
  {
    "dayId": 4,
    "startTm": "11:00",
    "endTm": "18:00"
  }
],
"holidayItems": []
}
]
}

```

3.1.2 Searching for a point based on geographical coordinates

3.1.2.1 Input parameters:

Parameter name	Description	Format / Possible values	Required parameter
requestID	The query ID given by the API customer in an alphanumeric string with a maximum length of 30 characters. It is used to identify queries on the customer side of the API. The assigned value will be placed in response to query.	String (e.g. zap001)	Yes
key	Used to authorize the API customer. See Authorization	String	Yes / No
latitude	Latitude, as per WGS84. Decimal separator is a period.	Decimal (e.g. 52.22771)	Sun
longitude	Longitude, according to WGS84. The decimal separator is a period.	Decimal (e.g. 20.98938)	Yes

partner	Partner name	String	Sun
---------	--------------	--------	-----

servicePudoDisplay	Whether to display point service codes: 0 – do not display in response 1 – display in the response. The default value is 0.	Integer	Sun
maxDistanceSearch	The maximum distance of a straight line point from the specified geographical coordinates (in meters). The minimum value is 100. If this parameter is not provided, the maximum number resulting from the configuration is assumed.	Integer	Sun

3.1.2.2 Output parameters

The response to a valid query will contain a list of PUDO points in the form of an XML document that meet the submitted search criteria in the input parameters. In case none of the available points meet the criteria, an empty collection will be displayed along with the set query ID.

Parameter name	Description	Format / Possible values
requestId	Identifier (ID) of the query prescribed from the query sent.	String
pudoItems	Collection of given points matching the search criteria.	List<pudoItem>
pudoItem	Point data. The overloaded attribute currently has a constant value "false". The active attribute defines whether the point is active on a given day.	Composite type
pudold	Point identifier.	String (e.g. PL11033)
order	Is always equal to 1.	Integer
distance	The distance (in meters) of a point in a straight line from the indicated location.	Integer
pudoType	Point type. Values according to the Glossary of PUDO point types	Integer
servicePudo	List of available services in the point. The value is separated by a semicolon. Values according to the Dictionary of available services	String (e.g.: 100;101;200;201)

language	The language in which the point address is specified. ISO 3166-1 alpha-2.	String (e.g. PL)
----------	---------------------------------------------------------------------------	------------------

address1	Street along with building and premises number.	String
address2	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 field).	String
address3	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 and ADDRESS2 field).	String
locationHint	Additional information on location of the point.	String
zipcode	Zip code without hyphen.	String (e.g. 01390)
city	The city in which the point is located.	String
country	Country given in ISO 3166-1 alpha3 format	String
longitude	Longitude of the point.	Decimal
latitude	Latitude of the point.	Decimal
car park	Whether there is a car park for customers at the point.	Boolean (true/false)
handicape	Whether the point is friendly to the handicapped.	Boolean (true/false)
openingHoursItems	List of opening hours of the point for individual days of the week, if the point has more than one hour range for a given day of the week, the list includes two OpeningHour items with the same value for dayId and different values for opening hours.	List<OpeningHoursItem>
openingHoursItem: dayId	No. of the day of the week, at which the point operator is open. 1 – Monday, 2 – Tuesday,..., 7 – Sunday	Integer
openingHoursItem: startTm	Time when the point was opened on a given day. Format: HH:MM	String (e.g. 11:30:00)
openingHoursItem: endTm	Time when the point was closed on a given day. Format: HH:MM	String (e.g. 19:00:00)
holidayItems	List of holiday days for the point.	List< holidayItem>
holidayItem: startTm	Date, from which the point operator is on the holiday. Format:	String

	DD/MM/YYYY	
holidayItem: endTm	Date, until which the point operator is on the holiday. Format: DD/MM/YYYY	String
pudoTypeInfo	Type of activity of the point.	String

servicePudoInfos	List of additional information concerning the services offered by the point.	List<SERVICE_PUDO_INFO>
servicePudoInfo	The item containing additional information, related to the service. In the key attribute the service code is provided to which the information relates. In the item The VALUE is supplemented with additional information about the service.	Composite type
name	Name of the point.	String
partner	Partner name.	String
localizationInstructions	Localization instructions.	String

3.1.2.3 Sample query

https://mypudo.dpd.com.pl/api/v2/pudo/list/bylonglat?requestID=zap001&latitude=52.22771&longitude=20.98938&max_distance_search=500

3.1.2.4 Sample answer

Search using geographic coordinates – the response:

```
{
  "requestID": "1",
  "pudoItems": [
    {
      "active": true,
      "overloaded": false,
      "pudoId": "PL14951",
      "order": 1,
      "pudoType": "100",
      "pudoTypeInfo": "Główny rodzaj działalności: Other personal supplies.",
      "name": "KF SYSTEM Małgorzata Piechowska Pod",
      "language": "PL",
      "address1": "Nadbystrzycka 6/3",
      "locationHint": "Sklep Z Chemią Gospodarczą : 785736134",
      "localizationInstructions": "Next to the town hall",
      "zipCode": "20618",
      "city": "Lublin",
      "country": "POL",
      "longitude": "22.55204",
      "latitude": "51.23855",
      "parking": true,
      "handicape": false,
    }
  ]
}
```

"partner": "Žabka",

```

    "openingHoursItems": [
      {
        "dayId": 1,
        "startTm": "09:00",
        "endTm": "18:00"
      },
      {
        "dayId": 2,
        "startTm": "09:00",
        "endTm": "18:00"
      },
      {
        "dayId": 3,
        "startTm": "09:00",
        "endTm": "18:00"
      },
      {
        "dayId": 4,
        "startTm": "10:00",
        "endTm": "14:00"
      }
    ],
    "holidayItems": []
  }
]
}

```

3.1.3 Search a point using a shortcut

3.1.3.1 Input parameters:

Parameter name	Description	Format / Possible values	Required parameter
key	Used to authorize the API customer. See Authorization	String	Yes / No
pudold	PUDO Point ID	String (e.g. PL11726)	Yes
partner	Partner name	String	Sun

3.1.3.2 Output parameters

The response to a valid query will contain a list of PUDO points in the form of a JSON document that meet the submitted search criteria in the input parameters. In case none of the available points meet the criteria, an empty collection will be displayed along with the set query ID.

Parameter name	Description	Format / Possible values
pudoItems	A collection of point data matching the search criteria.	List<PUDO_ITEM>
pudoItem	Point data. The overloaded attribute currently has a fixed value of "false". The active attribute defines whether the point is active on a given day.	Composite type
pudoId	Point identifier.	String (e.g.: PL11033)
order	Is always equal to 1.	Integer
pudoType	Point type. Values according to the Glossary of PUDO point types	Integer
servicePudo	List of available services in the point. Values separated by a semi-colon. Values according to the Dictionary of available services	String (e.g. 100; 101; 200; 201)
language	The language in which the point address is specified. IS 3166-1 alpha-2.	String (e.g. PL)
address1	Street along with building and premises number.	String
address2	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 field).	String
address3	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 ADDRESS2 field).	String
locationHint	Additional information on the location points.	String
zipcode	Zip code without hyphen.	String (e.g.: 01390)
city	The city in which the point is located.	String
country	Country given in ISO 3166-1 alpha3 format	String
longitude	Longitude of the point.	Decimal
latitude	Latitude of the point.	Decimal
car park	Is there, at the point, there is a car park for customers.	Boolean (true/false)
handicape	Whether the point is friendly to the handicapped.	Boolean (true/false)

openingHoursItems	List of opening hours of the point for particular days of the week, in the case the point has more than one hourly interval for a given day of the week will include two OpeningHour items with the same value for DAY_ID and different values for opening hours.	List<OpeningHoursItem>
openingHoursItem: dayId	No. of the day of the week in which the point is open 1 – Monday, 2 – Tuesday,..., 7 – Sunday	Integer
openingHoursItem: startTm	Opening hour of the point at a given date. Format: HH:MM	String (e.g.: 11:30:00)
openingHoursItem: endTm	Time when the point was closed on a given day. Format: HH:MM	String (e.g.: 19:00:00)
holidayItems	List of holiday days for the point.	List<holidayItem>
holidayItem: startTm	Date, from which the point operator is on the holiday. Format: DD/MM/YYYY	String
holidayItem: endTm	Date, until which the point operator is on the holiday. Format: DD/MM/YYYY	String
pudoTypeInfo	Type of activity of the point.	String
servicePudoInfos	List of additional information concerning the services offered by the point.	List<servicePudoInfo>
servicePudoInfo	The item containing additional information, related: the service. In the key attribute the service code is provided to which the information relates. The VALUE element contains additional information about the service.	Composite type
name	Name of the point.	String
partner	Partner name.	String
localizationInstructions	Localization instructions.	String

3.1.3.3 Sample query

<https://mypudo.dpd.com.pl/api/v2/pudo/details?pudold=PL11523>

3.1.3.4 Example of response:

Search using a shortcut – response:

```
{
  "pudoItems": [
    {
      "active": true,
      "overloaded": false,
      "pudoId": "PL00001",
      "order": 1,
      "pudoType": "400",
      "servicePudo": "100;10001;10002;101;112;200;201;202;300;P10;P20;P30;P40;P90",
      "name": "Testowy punkt",
      "language": "PL",
      "address1": "Centralna 23",
      "locationHint": "zzujemy",
      "localizationInstructions": "Next to the town hall",
      "zipCode": "02271",
      "city": "Warszawa",
      "country": "POL",
      "longitude": "20.93973",
      "latitude": "52.17861",
      "parking": false,
      "handicape": false,
      "partner": "ALDI",
      "openingHoursItems": [
        {
          "dayId": 1,
          "startTm": "07:00",
          "endTm": "22:00"
        },
        {
          "dayId": 2,
          "startTm": "07:00",
          "endTm": "22:00"
        },
        {
          "dayId": 3,
          "startTm": "07:00",
          "endTm": "22:00"
        },
        {
          "dayId": 4,
          "startTm": "07:00",
          "endTm": "22:00"
        }
      ]
    }
  ]
}
```

```

    {
      "dayId": 5,
      "startTm": "07:00",
      "endTm": "22:00"
    },
    "holidayItems": []
  ]
}

```

3.1.4 Download the full list of points

3.1.4.1 Input parameters:

Parameter name	Description	Format / Possible values	Required parameter
key	Used to authorize the API customer. See Authorization	String	Yes / No
countryCode	The code of the country for which the point list is to be returned, given in ISO 3166-1 alpha3 format	String (e.g.: POL)	Yes
partner	Partner name	String	Sun

3.1.4.2 Output parameters

The response to a valid query will contain a list of PUDO points in the form of a JSON document that meet the submitted search criteria in the input parameters. In case none of the available points meet the criteria, an empty collection will be displayed along with the set query ID.

Parameter name	Description	Format / Possible values
pudoltems	A collection of point data matching the search criteria.	List<pudolItem>
pudolItem	Point data. The overloaded attribute currently has a fixed value of "false". The active attribute defines whether the point is active on a given day.	Composite type
pudold	Point identifier.	String (e.g. PL11033)

order	Is always equal to 1.	Integer
pudoType	Point type. Values according to the Glossary of PUDO point types	Integer
servicePudo	List of available services in the point. Values separated by a semi-colon. Values according to the Dictionary of available services	String (e.g. 100; 101; 200; 201)
language	The language in which the point address is specified. IS 3166-1 alpha-2.	String (e.g. PL)
address1	Street along with building and premises number.	String
address2	Street along with the building and premises number (if the whole did not fit in the ADDRESS1 field).	String
address3	Street along with building and premises number if the whole did not fit in the ADDRESS1 ADDRESS2 field).	String
locationHint	Additional information on the location of the point.	String
zipcode	Zip code without hyphen.	String (e.g.: 01390)
city	The city in which the point is located.	String
country	Country given in ISO 3166-1 alpha3 format	String
longitude	Longitude of the point.	Decimal
latitude	Latitude of the point.	Decimal
car park	Is there, at the point, there is a car park for customers.	Boolean (true/false)
handicape	Whether the point is friendly to the handicapped.	Boolean (true/false)
openingHoursItems	List of opening hours of the point for particular days of the week, in the case the point has more than one the hour interval for a given day of the week will include two OpeningHour items with the same value for DAY_ID and various values for opening hours.	List<OpeningHoursItem>
openingHoursItem: dayId	No. of the day of the week in which the point is open 1 – Monday, 2 – Tuesday,..., 7 – Sunday	Integer
openingHoursItem: startTm	Opening opening hours of the point at a given date. Format: HH:MM	String (e.g. 11:30:00)
openingHoursItem: endTm	Time when the point was closed on a given day. Format: HH:MM	String (e.g. 19:00:00)
holidayItems	List of holiday days for the point.	List<holidayItem>

holidayItem: startTm	Date, from which the point operator is on the holiday. Format: DD/MM/YYYY	String
holidayItem: endTm	Date, until which the point operator is on the holiday. Format: DD/MM/YYYY	String
pudoTypeInfo	Type of activity of the point.	String
servicePudoInfos	List of additional information concerning the services offered by the point.	List<servicePudoInfo>
servicePudoInfo	The item containing additional information, related: the service. In the key attribute the service code is provided to which the information relates. The VALUE element contains additional information about the service.	Composite type
name	Name of the point.	String
partner	Partner name.	String
localizationInstructions	Localization instructions.	String

3.1.4.3 Sample query

<https://mypudo.dpd.com.pl/api/v2/pudo/list/bycountry?countryCode=POL>

3.1.4.4 Sample answer

```
{
  "quality": 1,
  "requestID": "1",
  "pudoItems": [
    {
      "active": true,
      "overloaded": false,
      "pudoId": "PL12037",
      "order": 1,
      "pudoType": "100",
      "pudoTypeInfo": "Główny rodzaj działalności: Paint, wallpaper, decoration.",
      "name": "Dikom, Okna, Rolety D. Majewski M.Majewska",
      "language": "PL",
      "address1": "Świetlików 3",
      "locationHint": "Dikom, Okna, Rolety: 602-256-916",
      "localizationInstructions": "Next to the town hall",
      "zipCode": "01390",
      "city": "Warszawa",
      "country": "POL",
      "longitude": "20.9105",
      "latitude": "52.227",
      "parking": true,
    }
  ]
}
```

"handicape": false,

```

"openingHoursItems": [
  {
    "dayId": 1,
    "startTm": "11:00",
    "endTm": "18:00"
  },
  {
    "dayId": 2,
    "startTm": "11:00",
    "endTm": "18:00"
  },
  {
    "dayId": 3,
    "startTm": "11:00",
    "endTm": "18:00"
  },
  {
    "dayId": 4,
    "startTm": "11:00",
    "endTm": "18:00"
  }
],
"holidayItems": []
}
]
}

```

3.2 Error handling

Regardless of the number of irregularities in the sent query, only one error is always displayed. There is no fixed error hierarchy.

3.2.1 Error codes

Below is the list of errors with their codes and descriptions that are displayed by MyPICKUPServices.

Code	Message	Error description
------	---------	-------------------

300	Incorrect value \${value} in the field \${parameter_name}.	This error affects only those parameters that do not correspond to another error code (such as zipCode – error code 315).
301	The \${parameter_name} field is required.	A value is not provided for a mandatory field.
303	The {parameter_name} field does not have a valid date format. Valid: DD/MM/YYYY	Date (date_from) should be in DD/MM/YYYY format.
306	The \${parameter_name} field accepts integer values.	The parameter specifying the maximum number of search points (max_pudo_number) should be an integer.
306	The \${parameter_name} field accepts integer values between 1 and \${max}	The maximum number of points to search (max_pudo_number) should be between 1 and the maximum specified in the configuration (see Configuration).
307	The \${parameter_name} field accepts integer values.	Maximum distance (max_distance_search) should be an integer in meters (no unit).
307	The \${parameter_name} field accepts integer values between 100 and \${max}.	The maximum distance (max_distance_search) should be between 100 and the maximum specified in the configuration (see: Configuration).
308	The {0} field accepts integer values between 1 and 100000.	The value of the indicated field accepts integer values between 1 and 100000.
309	The {0} field accepts integer values between 1 and 3.	The value of the indicated field accepts integer values between 1 and 3.
310	The \${parameter_name} field accepts integer values between 0 and 3.	The holidayTolerant value should be 0, 1, 2 or 3.
311	The \${parameter_name} field is of incorrect format	The address should not exceed 60 characters.

312	The \${parameter_name} field is of incorrect format The field accepts 1 to 50 alphanumeric characters	The city (city) should not exceed 50 characters.
313	The \${parameter_name} field is of incorrect format The field accepts 1 to 30 alphanumeric characters.	RequestId should not exceed 30 characters.
314	The key value provided is not valid. The key does not exist or is inactive.	The key (key) is not known to DPD or is inactive.
314	The \${parameter_name} field is of incorrect format The field accepts 1 to 50 alphanumeric characters	The key (key) should be 50 characters or less.
315	The \${parameter_name} field accepts integer values. Exactly 5 digits.	ZipCode should be exactly and only five digits.
319	Field \${parameter_name}. Must be greater than or equal to the current date + 21 days.	Date (date_from field) should not be greater than current date + 21 days
320	The holidays considered cannot reach 3 days.	The holidays considered cannot reach 3 days.
321	Maximum distance cannot be greater than configured in parameters.	Maximum distance (maxDistanceSearch) should not be greater than specified in the configuration.
325	The {0} field is incorrect. It accepts three characters.	The value for the specified field must be exactly three characters long.
327	The \${parameter_name} field is required.	Key (key) was not provided.

328	The \${parameter_name} field is incorrect. Correct format according ISO 3166-1 alpha-3.	The country code (countryCode) must contain exactly 3 characters and comply with ISO 3166- 1 alpha-3.
330	The \${parameter_name} field is incorrect. The WGS84- EPSG4326 system must be used.	The latitude (latitude) must be a number in which the decimal separator is a period. The WGS84- EPSG4326 system must be used.
331	The \${parameter_name} field is incorrect. The WGS84- EPSG4326 system must be used.	The longitude (longitude) must be a number in which the decimal separator is a period. The WGS84-EPSG4326 system must be used.
336	Incorrect language code. The language code shall conform to ISO 639-1 alpha-2.	The language code indicated in the inquiry must be in accordance with ISO 639-1 alpha-2.
337	The \${parameter_name} field is incorrect.	PudoType should be in accordance with the Glossary of PUDO point types.
338	Field {0}. One or more values are incorrect.	One or more parameters specified in the query is incorrect.
339	Field of \${parameter_name} accepts 0 or 1 values.	Service_pudo_display accepts only 0 or 1 values.
500	Internal server error	This message occurs when an error that API does not support occurs. When the error persists, contact technical support.
601	No PUDO with ID \${parameter_name} was found	

3.2.2 Example of error

Response with the included error message:

```
{
  "errors": [
    {
      "code": "REQUEST",
      "subcode": "BAD_REQUEST",
      "userMessage": "Pole zipCode ma zły format. Pole przyjmuje od 1 do 9 znaków alfanumerycznych."
    }
  ]
}
```

Additional Remarks

Limits

For machines, the limit of dimensions is 50 cm in height, 44 cm in width and 59 cm in depth, the maximum weight is 20 kg.

For parcel machines it is:

- maximum actual weight – 20 kg;
- maximum height – 50 cm;
- maximum width – 44 cm;
- maximum depth - 59 cm;

As for the regular points in Poland it is:

- maximum actual weight – 20 kg;
- maximum length – 100 cm;
- sum of dimension ≤ 300 cm;

For the regular points outside Poland it is:

- maximum actual weight – 20 kg;
- maximum length – 100 cm;
- sum of base circumference and height ≤ 250 cm - where the height is the longest side of the parcel;

but when it is a Żabka network:

- maximum actual weight – 20 kg;
- maximum height – 64 cm;
- maximum width – 41 cm;
- maximum depth - 38 cm;

You can filter Żabka shops by providing the partner parameter = Żabka in the URL:

<https://mypudo.dpd.com.pl/api/v2/pudo/list/bycountry?countryCode=POL&partner=Żabka>

Global parameters

- instance_delay / instanceDelay - the length of the search period: 15
- max_distance_search / maxDistanceSearch - maximum search distance in meters: 50000
- max_pudo_number / maxPudoNumber - maximum number of searched points: 250

MyPudoAPI - holiday calculation

1) instanceDelay is a constant value = 15

2) the search range will cover the period:

a. from dateFrom + one day (inclusive); // for example, if dateFrom is today, then from tomorrow

b. to dateFrom + one day + instanceDelay (inclusive); // for example, if dateFrom is today, then until in 16 days

3) depending on the specified holidayTolerant:

a. if we do not provide the parameter or it is zero, then one day of vacation in the 15-day period determined by the constant value of instanceDelay (and starting at dateFrom + one day) is enough for the pickup point not to appear in the search.

b. if holidayTolerant is greater than zero, the point will be returned if in a 15-day interval the number of vacation days is less or equal than the value of this parameter

c. if the number of vacation days is greater than holidayTolerant, the point will not appear in the search.

4) when determining vacation days, not calendar days from its start to end are taken into account, but only the days of operation of a given pickup point