**distance**

*Function of calculation of distance between points.*

**Syntax:**

*s* **= distance**(*P1, P2*)*;*

**Arguments:**

*P1* – first point. Type – *point*,

*P2* – second point. Type – *point*,

**Description:**

*distance(P1, P2)* – function of calculation of distance between points *P1*, *P2*.

Input values can be set as pre-defined variables or be set by expression (*x, y)*, where *x* and *y* are for the point coordinates.

**Result:**

*s* – distance between points.

**Example:**

|  |  |
| --- | --- |
|  | **const**  p1 = (1,3),  p2 = (4,6);  **s = distance**(p1, p2); |

As a result, value 4.2426407 will be assigned to variable *s*.