



## Solenoid piston valve 2/2 way N.O. pilot control dampness-proof IP 67

21YW4Z0T130  
÷  
21YW6Z0T250

### PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.  
A minimum operational pressure of 0,9 bar is required.  
The materials used and the tests carried out ensure maximum reliability and duration.

**USE:** Hot water, Steam

**PIPES:** G 1/2 - G 1

**COIL:** 8W - Ø 13  
BDV 180°C (class H)

**COIL HOUSING AND COIL FORMER MATERIAL ARE  
MADE BY 100% VIRGIN MATERIAL.**

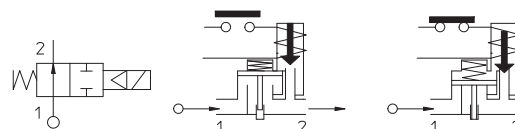
Max. allowable pressure (PS) 25 bar

Ambient temperature:

See coils catalogue page for its compatibility.



| Gaskets                           | Temperature |        | Medium           |
|-----------------------------------|-------------|--------|------------------|
| T=PTFE<br>(polytetrafluorethylen) | - 40°C      | +180°C | Steam, hot water |

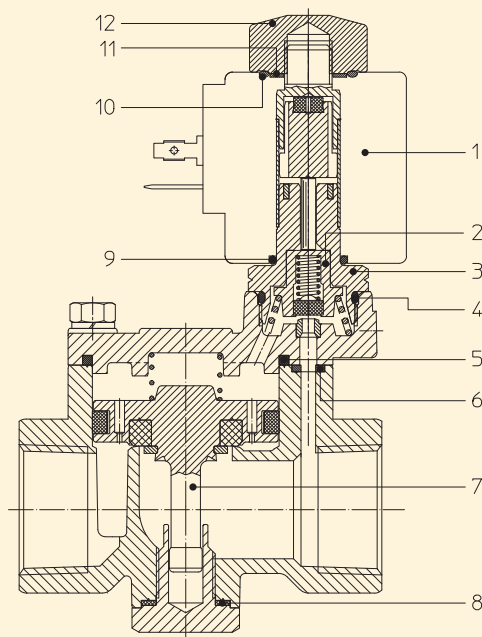


| Pipe<br>ISO 228/1 | Code        | Max viscosity |    | Ø<br>mm | Kv<br>l/mn | Power<br>watt | Pressure   |          |    |
|-------------------|-------------|---------------|----|---------|------------|---------------|------------|----------|----|
|                   |             | cSt           | °E |         |            |               | min<br>bar | M.O.P.D. |    |
| G 1/2             | 21YW4Z0T130 | -             | -  | 13      | 50         | 8             | 0,9        | 10       | 10 |
| G 3/4             | 21YW5Z0T190 |               |    | 19      | 90         |               |            |          |    |
| G 1               | 21YW6Z0T250 |               |    | 25      | 160        |               |            |          |    |

### Note

For dampness-proof cup see catalogue page R453882/B+R453882/U | Available on request and with minimum quantities.

The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notification.



### MATERIALS:

|                                |                                 |
|--------------------------------|---------------------------------|
| <b>Body</b>                    | Brass - UNI EN 12165 CW617N     |
| <b>Armature tube</b>           | Stainless steel AISI series 300 |
| <b>Fixed core</b>              | Stainless steel AISI series 400 |
| <b>Plunger</b>                 | Stainless steel AISI series 400 |
| <b>Phase displacement ring</b> | Copper - Cu 99,9%               |
| <b>Spring</b>                  | Stainless steel AISI series 300 |
| <b>Piston seal</b>             | Modified PTFE                   |
| <b>Main seal</b>               | Glassfiber reinforced T=PTFE    |
| <b>Pilot seal</b>              | PTFE                            |
| <b>Orifice</b>                 | Brass - UNI EN 12165 CW617N     |

### On request:

|                             |              |
|-----------------------------|--------------|
| <b>Connector</b>            | Pg 9 o Pg 11 |
| <b>Connector conformity</b> | ISO 4400     |

### FEATURES:

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| <b>Electrical conformity</b> | IEC 335                                                               |
| <b>Protection degree</b>     | IP 67 EN 60529 (DIN 40050)<br>with coil fitted by connector dedicated |

### SPARE PARTS:

|                                                                                         |                                                                                            |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>1. Coil:</b><br>See coils list                                                       | G 3/4÷G 1 Code R450858                                                                     |
| <b>2. Diaphragm support:</b><br>Code R450790                                            | <b>7. Complete piston:</b><br>G 1/2 Code R452604<br>G 3/4 Code R452547<br>G 1 Code R452548 |
| <b>3. Complete armature tube without gasket:</b><br>Code R450573                        | <b>8. Gasket plug:</b><br>G 1/2 Code R452609<br>G 3/4÷G 1 Code R452553                     |
| <b>4. Gasket O-Ring:</b><br>Code 990000/T                                               |                                                                                            |
| <b>5. Sealing ring:</b><br>G 1/2 Code R452607<br>G 3/4 Code R452551<br>G 1 Code R452552 |                                                                                            |
| <b>6. Gasket cover:</b><br>G 1/2 Code R452608                                           |                                                                                            |

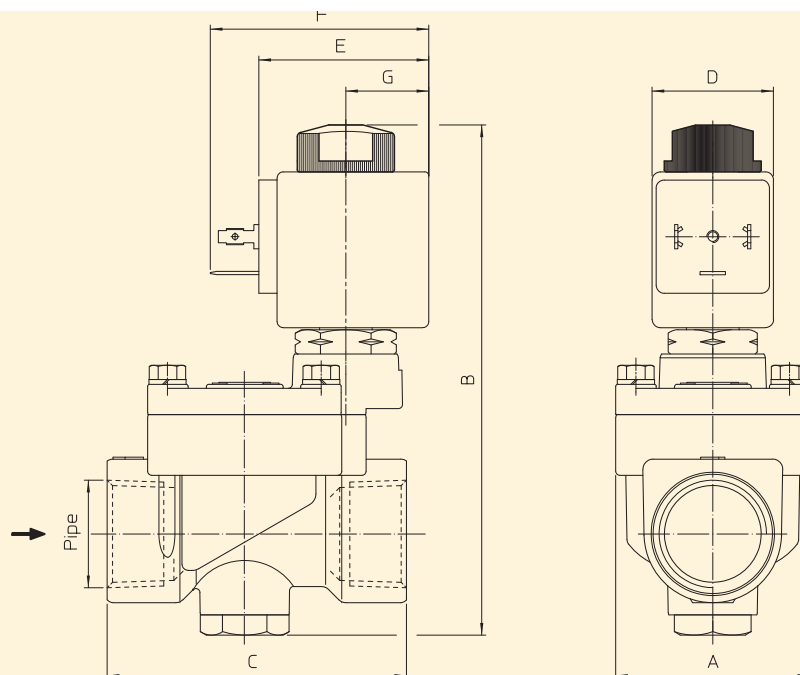
### KIT:

KT130ZT30-TGB=2+3+4+9+10+11+12

### MAINTENANCE KIT:

|                             |
|-----------------------------|
| G 1/2 KTPYW4Z0T13=2+5+6+7+8 |
| G 3/4 KTPYW5Z0T19=2+5+6+7+8 |
| G 1 KTPYW6Z0T25=2+5+6+7+8   |

### DIMENSIONS:



| Type        | Pipe<br>ISO 228/1 | A<br>mm | B<br>mm | C<br>mm |
|-------------|-------------------|---------|---------|---------|
| 21YW4Z0T130 | G 1/2             | 40      | 107     | 65      |
| 21YW5Z0T190 | G 3/4             | 48      | 120     | 74      |
| 21YW6Z0T250 | G 1               | 62      | 130     | 93      |

| COIL<br>TYPE | POWER ABSORPTION | DIMENSIONS |         |         |         |
|--------------|------------------|------------|---------|---------|---------|
|              | W<br>==          | D<br>mm    | E<br>mm | F<br>mm | G<br>mm |
| B            | 8                | 30         | 42      | 54      | 20,5    |