



Solenoid valve 2/2 way N.C. Direct acting - NSF Certified

21JPARRV12
÷
21JPARRV23-T0

PRESENTATION:

Direct acting S.V. for interception of fluids compatible with the construction materials.

Minimum operational pressure is not required.

The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation, Sterilization
Vending

PIPES: G 1/8 male

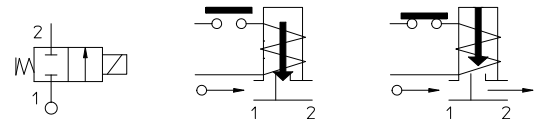
COIL: 2,5W - Ø 10
LBA 155°C (class F)
5W - Ø 10
LBA 155°C (class F)
LBF - LBV 180°C (class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 16 bar
Ambient temperature:
with coil class F - 10°C + 60°C
with coil class H - 10°C + 80°C



| Gaskets | Temperature | Medium |
|-------------------------|----------------|------------------------------|
| V=FKM (fluoroelastomer) | - 10°C + 140°C | Air, water, inert gas, steam |



| Pipe ISO 228/1 | Code | Fig. | Max viscosity | | Ø mm | Kv l/mn | Power (watt) | Pressure | | |
|-------------------|-----------------|------|---------------|-----|---------|------------|-----------------|------------|---------------------------|-----|
| | | | cSt | °E | | | | min bar | M.O.P.D. AC bar DC bar | |
| G 1/8 male | 21JPARRV12 | 1 | 12 | ~ 2 | 1,2 | 1 | 2,5 | 0 | 15 | 3,5 |
| | | | | | | | 5 | | | 12 |
| | 21JPARRV12 -T0* | 2 | 37 | ~ 5 | 2,3 | 2,1 | 2,5 | | | 3,5 |
| | | | | | | | 5 | | | 12 |
| | 21JPARRV23 | 1 | 37 | ~ 5 | 2,3 | 2,1 | 2,5 | | 6 | - |
| | | | | | | | 5 | | 15 | 8 |
| | 21JPARRV23 -T0* | 2 | 37 | ~ 5 | 2,3 | 2,1 | 2,5 | | 6 | - |
| | | | | | | | 5 | | 15 | 8 |

• NSF CERTIFIED



Note

Max torque for fittings and nut assembly 2Nm

In case glue is used to seal the fittings, verify the compatibility with body material (PPS)

For application with steam, please consult our Technical Service.

Available on request and with minimum quantities.

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

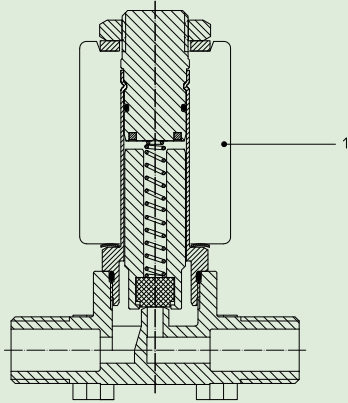


Fig. 1

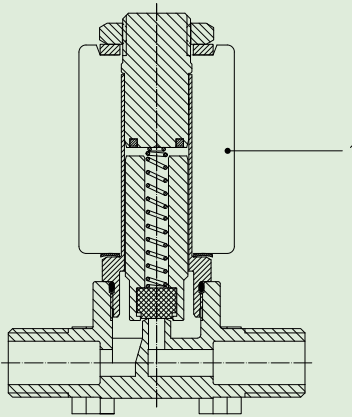


Fig. 2

MATERIALS:

| | |
|--|---------------------------------|
| Body | PPS |
| Armature tube (fig.1) | Brass - UNI EN 12165 CW617N |
| Armature tube (fig.2) | Stainless steel AISI series 300 |
| Fixed core | Stainless steel AISI series 400 |
| Plunger | Stainless steel AISI series 400 |
| Phase displacement ring (fig.1) | Copper - Cu 99,9% |
| Phase displacement ring (fig.2) | Gold plated copper |
| Spring | Stainless steel AISI series 300 |
| Seal | V=FKM |
| Orifice | PPS |

On request:

| | |
|-----------------------------|---------------|
| Connector | Pg 9 or Pg 11 |
| Connector conformity | ISO 4400 |

FEATURES:

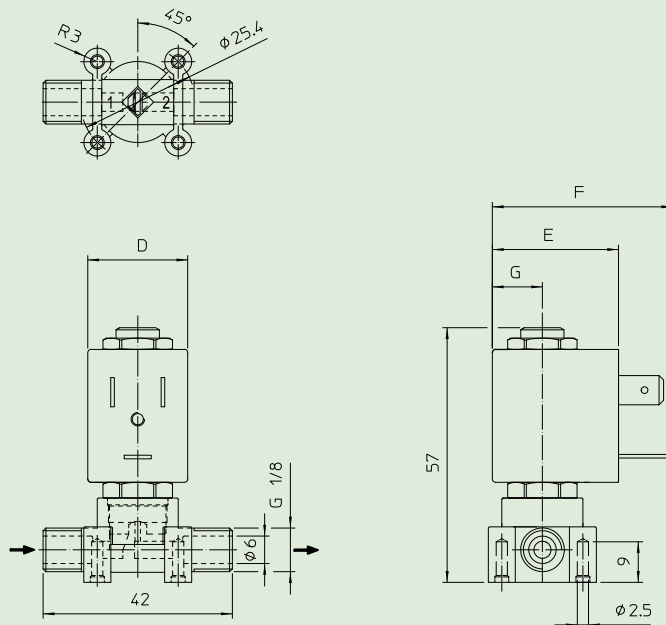
| | |
|------------------------------|--|
| Electrical conformity | IEC 335 |
| Protection degree | IP 65 EN 60529 (DIN 40050) with coil fitted by connector. |

SPARE PARTS:

1. Coil:

See coils list

DIMENSIONS:



| COIL TYPE | POWER ABSORPTION | | | DIMENSIONS | | | |
|-----------|------------------|--------------|----------------|------------|---------|---------|---------|
| | W = | Hold VA ~ | Inrush VA ~ | D mm | E mm | F mm | G mm |
| L | 2,5 | 5 | 7 | 22 | 27,5 | 39,5 | 11 |
| | 5 | 10 | 15 | | | | |



Solenoid valve 2/2 way N.C. Direct acting - NSF Certified

21JP1RRV12
÷
21JP1R1V23-T0

PRESENTATION:

Direct acting S.V. for interception of fluids compatible with the construction materials.

Minimum operational pressure is not required.

The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation, Sterilization
Vending

PIPES: G 1/8

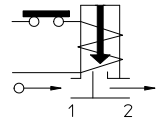
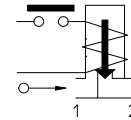
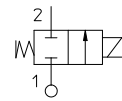
COIL: 2,5W - Ø 10
LBA 155°C (class F)
5W - Ø 10
LBA 155°C (class F)
LBF - LBV 180°C (class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 16 bar
Ambient temperature:
with coil class F - 10°C + 60°C
with coil class H - 10°C + 80°C



| Gaskets | Temperature | | Medium |
|-------------------------|-------------|---------|------------------------------|
| V=FKM (fluoroelastomer) | - 10°C | + 140°C | Air, water, inert gas, steam |



| Pipe ISO 228/1 | Code | Fig. | Max viscosity | | Ø mm | Kv l/mn | Power (watt) | Pressure | | |
|-------------------|------------------|------|-----------------|-----|---------|------------|-----------------|------------|---------------------------|-----|
| | | | cSt | °E | | | | min bar | M.O.P.D. AC bar DC bar | |
| G 1/8 | 21JP1RRV12 | 1 | 12 | ~ 2 | 1,2 | 1 | 2,5 | 0 | 15 | 3,5 |
| | 21JP1R1V12 -T0 • | 2 | | | | | 5 | | | 12 |
| | | | | | | | 2,5 | | | 3,5 |
| | 21JP1RRV23 | 1 | | | | | 5 | | | 12 |
| | | | 2,5 | 6 | - | | | | | |
| | 21JP1R1V23-T0 • | 2 | 37 | ~ 5 | 2,3 | 2,1 | 5 | | 15 | 8 |
| | | | | | | | 2,5 | | 6 | - |
| | | | 21JP1R1V23-T0 • | 2 | 5 | 15 | 8 | | | |
| 5 | | | | | 15 | 8 | | | | |

• NSF CERTIFIED



Note

Max torque for fittings and nut assembly 2Nm

In case glue is used to seal the fittings, verify the compatibility with body material (PPS)

For application with steam, please consult our Technical Service.

Available on request and with minimum quantities.

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

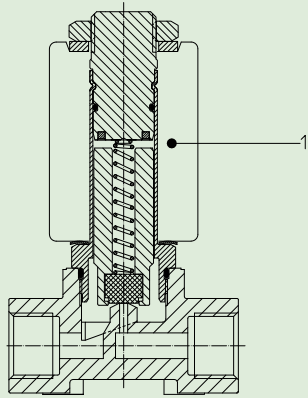


Fig. 1

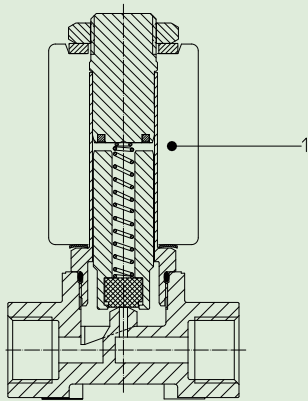


Fig. 2

MATERIALS:

| | |
|--|---------------------------------|
| Body | PPS |
| Armature tube (fig.1) | Brass - UNI EN 12165 CW617N |
| Armature tube (fig.2) | Stainless steel AISI series 300 |
| Fixed core | Stainless steel AISI series 400 |
| Plunger | Stainless steel AISI series 400 |
| Phase displacement ring (fig.1) | Copper - Cu 99,9% |
| Phase displacement ring (fig.2) | Gold plated copper |
| Spring | Stainless steel AISI series 300 |
| Seal | V=FKM |
| Orifice | PPS |

On request:

| | |
|-----------------------------|---------------|
| Connector | Pg 9 or Pg 11 |
| Connector conformity | ISO 4400 |

FEATURES:

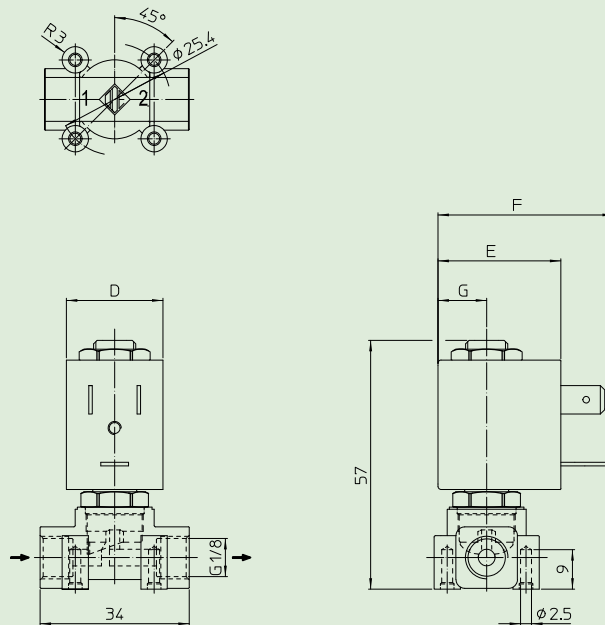
| | |
|------------------------------|--|
| Electrical conformity | IEC 335 |
| Protection degree | IP 65 EN 60529 (DIN 40050) with coil fitted by connector. |

SPARE PARTS:

1. Coil:

See coils list

DIMENSIONS:



| COIL TYPE | POWER ABSORPTION | | | DIMENSIONS | | | |
|-----------|------------------|--------------|----------------|------------|---------|---------|---------|
| | W = | Hold VA ~ | Inrush VA ~ | D mm | E mm | F mm | G mm |
| L | 2,5 | 5 | 7 | 22 | 27,5 | 39,5 | 11 |
| | 5 | 10 | 15 | | | | |