



Solenoid valve 3/2 way N.C. Direct acting

31AN2AV15

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
Heating

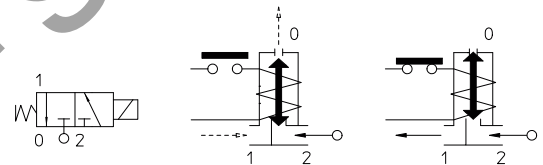
PIPES: 1/4 NPT

COILS: 8W - Ø 13
BDA - BSA 155°C (class F)
BDV 180°C (class H)
(1) Explosion-proof housing for coils with electrical connections EN 175301-803 on request



Max. allowable pressure (PS) 40 bar
Ambient temperature:
See coils catalogue page for its compatibility.

| Gaskets | Temperature | Medium |
|-------------------------|----------------|---|
| V=FKM (fluoroelastomer) | - 10°C + 140°C | Mineral oils (2°E), gasoline gas oil |



Note

* 3rd way exhaust= Ø 2,5 mm | Also available with brass body without lead | Available on request and with minimum quantities.

| Pipe ANSI/ASME BI.20.1 | Code | Max viscosity | | Ø mm | Kv l/mn | Power watt | Pressure | | |
|------------------------------|-----------|---------------|-----|---------|------------|---------------|------------|----------|--------|
| | | cSt | °E | | | | min bar | M.O.P.D. | |
| | | | | | | | | AC bar | DC bar |
| 1/4 NPT | 31AN2AV15 | 12 | ~ 2 | 1,5* | 1,4 | 8 | 0 | 15 | 15 |

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MATERIALS:

| | |
|--------------------------------|---------------------------------|
| Body | Brass - UNI EN 12165 CW617N |
| Armature tube | Stainless steel AISI series 300 |
| Fixed core | Stainless steel AISI series 400 |
| Plunger | Stainless steel AISI series 400 |
| Phase displacement ring | Copper - Cu 99,9% |
| Spring | Stainless steel AISI series 300 |
| Seal | V=FKM |
| Orifice: Insert slot | Stainless steel AISI series 300 |

On request:

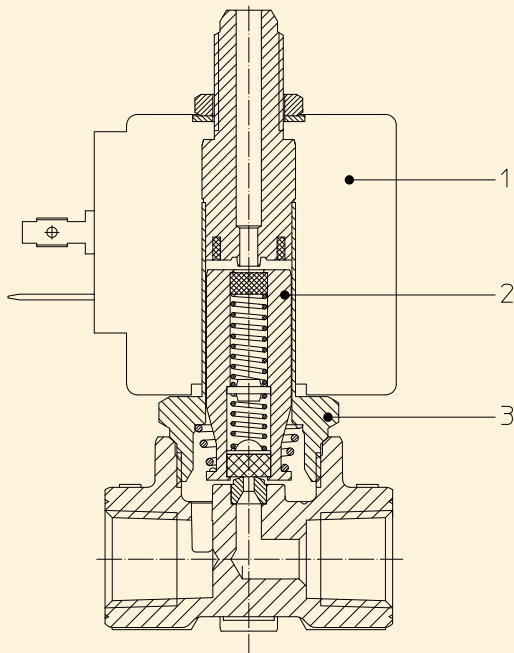
| | |
|-----------------------------|---------------|
| Connector | Pg 9 or Pg 11 |
| Connector conformity | ISO 4400 |

SPARE PARTS:

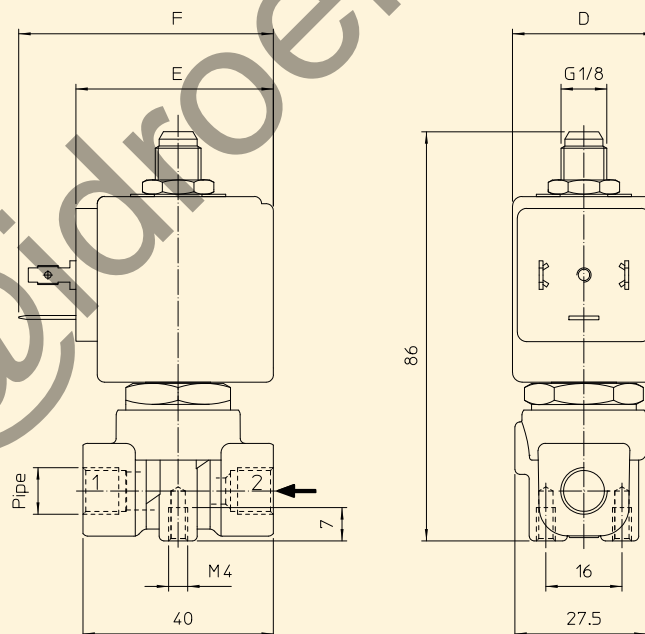
| | |
|------------------------------|---|
| Electrical conformity | IEC 335 |
| Protection degree | IP 65 EN 60529 (DIN 40050) with coil fitted by connector |

SPARE PARTS:

- 1. Coil:** **KIT**
See coils list KT130AV30-A=2+3
- 2. Complete plunger:**
Code R450675/V
- 3. Complete armature tube:**
Code R450944



DIMENSIONS:



| COIL TYPE | POWER ABSORPTION | | | DIMENSIONS | | |
|-----------|------------------|--------------|----------------|------------|---------|---------|
| | W --- | Hold VA ~ | Inrush VA ~ | D mm | E mm | F mm |
| B | 8 | 14,5 | 25 | 30 | 42 | 54 |