

## Features

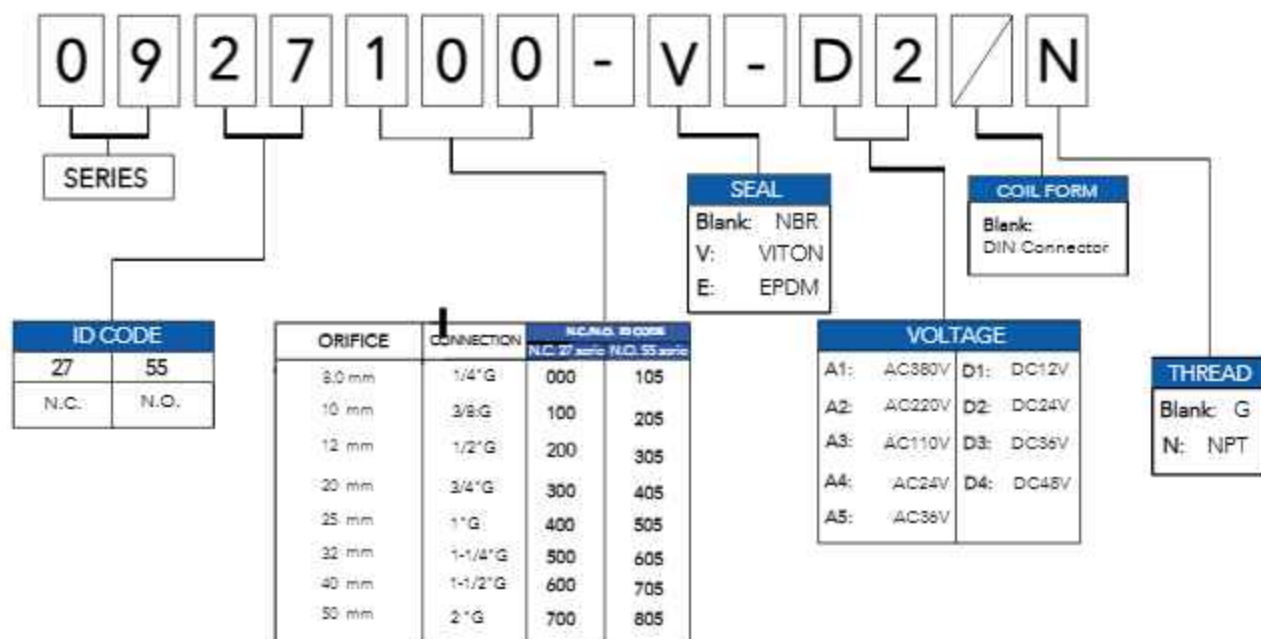
- Solenoid pilot valve control, structure is simple and compact.
- Flowing direction should consistent with sign on valve.
- Random installation site.
- Piloted solenoid valve coil could be interchanged. It could replace 0201 solenoid head as 0270, 0271, it's EXm I/II T4 explosion-proof valve.



## Electrical

| Standard Coil | Watt Rating and Power Consumption |      |              |             | Spare Coil Part Number |              |                |             |
|---------------|-----------------------------------|------|--------------|-------------|------------------------|--------------|----------------|-------------|
|               | DC<br>Watt                        | AC   |              |             | General Purpose        |              | Explosionproof |             |
|               |                                   | Watt | VA<br>Holdin | VA<br>Inrus | AC                     | DC           | AC             | DC          |
| F             | 13                                | 16   | 35           | 53          | 0927-0201-AC           | 0927-0201-AC | XHD-1661-AC    | XHD-0981-AC |
| F             | 13                                | 16   | 35           | 53          | 0927-0270-AC           | 0927-0270-AC | XHD-1661-DC    | XHD-0981-DC |

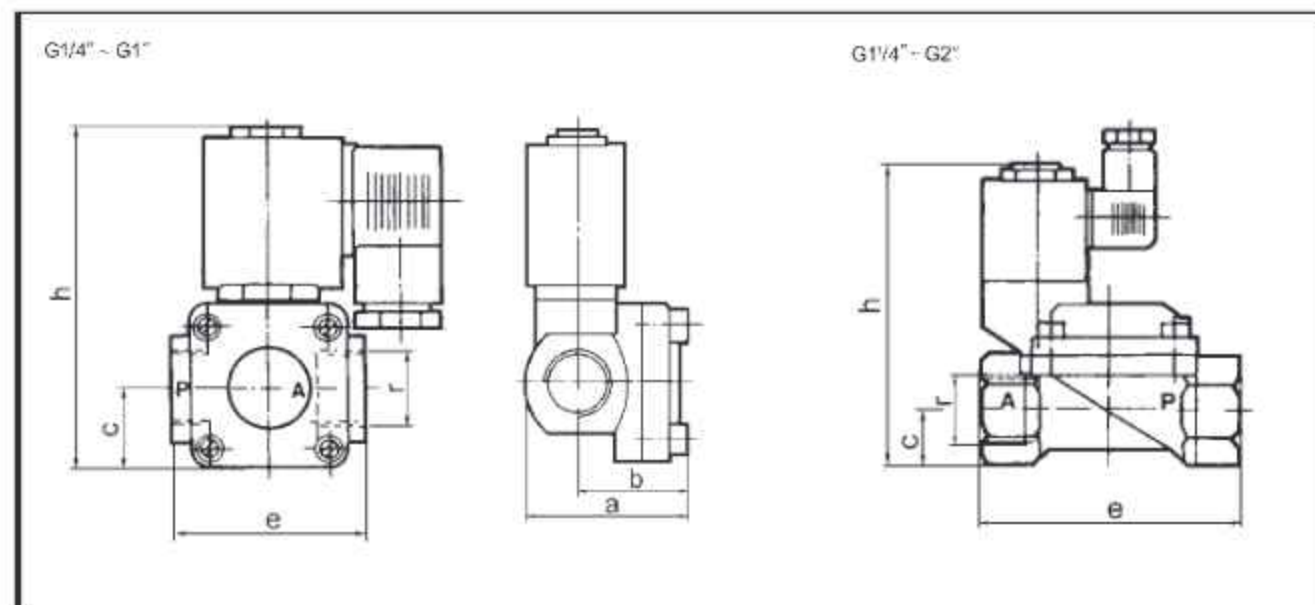
## Ordering Code



### Order Example:

0955 series N.O. 2/2 ways solenoid valve, 3/4" port size, VITON seals, DC24V, DIN connector coil, BSPP (G) thread.  
SENYA part#0955300-D2

**Dimensions Sheet (mm)**



| Model   | Port size (") | Working Type | Orifice | A   | B    | C    | E   | H   |
|---------|---------------|--------------|---------|-----|------|------|-----|-----|
| 0927000 | 1/4"          | N.C.         | 8 mm    | 45  | 31.5 | 22   | 53  | 97  |
| 0927100 | 3/8"          | N.C.         | 10 mm   | 45  | 31.5 | 22   | 53  | 97  |
| 0927200 | 1/2"          | N.C.         | 12 mm   | 45  | 31.5 | 22   | 53  | 97  |
| 0927300 | 3/4"          | N.C.         | 20 mm   | 65  | 44   | 30   | 86  | 113 |
| 0927400 | 1"            | N.C.         | 25 mm   | 65  | 44   | 30   | 86  | 113 |
| 0927500 | 1-1/4"        | N.C.         | 32 mm   | 95  | 47   | 31   | 132 | 136 |
| 0927600 | 1-1/2"        | N.C.         | 40 mm   | 95  | 47   | 31   | 132 | 136 |
| 0927700 | 2"            | N.C.         | 50 mm   | 112 | 55   | 39.5 | 160 | 155 |
| 0955105 | 1/4"          | N.O.         | 8 mm    | 45  | 31.5 | 22   | 53  | 114 |
| 0955205 | 3/8"          | N.O.         | 10 mm   | 45  | 31.5 | 22   | 53  | 114 |
| 0955305 | 1/2"          | N.O.         | 12 mm   | 45  | 31.5 | 22   | 53  | 114 |
| 0955405 | 3/4"          | N.O.         | 20 mm   | 65  | 44   | 30   | 86  | 130 |
| 0955505 | 1"            | N.O.         | 25 mm   | 65  | 44   | 30   | 86  | 130 |
| 0955605 | 1-1/4"        | N.O.         | 32 mm   | 95  | 47   | 31   | 132 | 153 |
| 0955705 | 1-1/2"        | N.O.         | 40 mm   | 95  | 47   | 31   | 132 | 153 |
| 0955805 | 2"            | N.O.         | 50 mm   | 112 | 55   | 39.5 | 160 | 172 |

## Specifications (Metric units)

| Pipe Size (in)                             | Orifice Size (mm) | CV Flow Factor | Operating Pressure Differential (Bar) |               |       |                       |               |       |                       |     |     | Max. Fluid Temp. °C |   | Brass Body | Stainless Steel 304 | Watt Rating/ Class of Coil Insulation |    |
|--------------------------------------------|-------------------|----------------|---------------------------------------|---------------|-------|-----------------------|---------------|-------|-----------------------|-----|-----|---------------------|---|------------|---------------------|---------------------------------------|----|
|                                            |                   |                | Max. AC                               |               |       |                       |               |       | Max. DC               |     |     |                     |   |            |                     | AC                                    | DC |
|                                            |                   |                | Min.                                  | Air-Inert Gas | Water | Light Oil 10cc 50 CST | Air-Inert Gas | Water | Light Oil 10cc 50 CST | AC  | DC  |                     |   |            |                     |                                       |    |
|                                            |                   |                |                                       |               |       |                       |               |       |                       |     |     |                     |   |            |                     |                                       |    |
| NORMALLY CLOSED (Closed when de-energized) |                   |                |                                       |               |       |                       |               |       |                       |     |     |                     |   |            |                     |                                       |    |
| 1/4                                        | 8                 | 1.2            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927000-A2          | - | 17.1°F     | -                   |                                       |    |
| 1/4                                        | 8                 | 1.2            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927000-E-A2        | - | -          | 11.5°F              |                                       |    |
| 1/4                                        | 8                 | 1.2            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927000-V-A2        | - | 17.1°F     | 40.6H               |                                       |    |
| 3/8                                        | 10                | 1.8            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927100-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 3/8                                        | 10                | 1.8            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927100-E-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 3/8                                        | 10                | 1.8            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927100-V-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 1/2                                        | 12                | 3.6            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927200-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 1/2                                        | 12                | 3.6            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927200-E-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1/2                                        | 12                | 3.6            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927200-V-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 3/4                                        | 20                | 5.10           | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927300-A2          | - | 20.1°F     | -                   |                                       |    |
| 3/4                                        | 20                | 5.10           | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927300-E-A2        | - | 10.1°F     | 11.5°F              |                                       |    |
| 3/4                                        | 20                | 5.10           | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927300-V-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 1                                          | 25                | 12             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927400-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 1                                          | 25                | 12             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927400-E-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1                                          | 25                | 12             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927400-V-A2        | - | 17.1°F     | -                   |                                       |    |
| 1-1/4                                      | 32                | 24             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927500-A2          | - | -          | 11.5°F              |                                       |    |
| 1-1/4                                      | 32                | 24             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927500-E-A2        | - | 17.1°F     | 40.6H               |                                       |    |
| 1-1/4                                      | 32                | 24             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927500-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1-1/2                                      | 40                | 29             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927600-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 1-1/2                                      | 40                | 29             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927600-E-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 1-1/2                                      | 40                | 29             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927600-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 2                                          | 50                | 48             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927700-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 2                                          | 50                | 48             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927700-E-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 2                                          | 50                | 48             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927700-V-A2        | - | 20.1°F     | -                   |                                       |    |
| 1/4                                        | 8                 | 1.2            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927105-A2          | - | 10.1°F     | 11.5°F              |                                       |    |
| 1/4                                        | 8                 | 1.2            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927105-E-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 1/4                                        | 8                 | 1.2            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927105-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 3/8                                        | 10                | 1.8            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927205-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 3/8                                        | 10                | 1.8            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927205-E-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 3/8                                        | 10                | 1.8            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927205-V-A2        | - | 20.1°F     | -                   |                                       |    |
| 1/2                                        | 12                | 3.6            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927305-A2          | - | 10.1°F     | 11.5°F              |                                       |    |
| 1/2                                        | 12                | 3.6            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927305-E-A2        | - | 6.1°F      | 11.5°F              |                                       |    |
| 1/2                                        | 12                | 3.6            | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927305-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 3/4                                        | 20                | 5.10           | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927405-A2          | - | 16.1°F     | 30.8°F              |                                       |    |
| 3/4                                        | 20                | 5.10           | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927405-E-A2        | - | 17.1°F     | -                   |                                       |    |
| 3/4                                        | 20                | 5.10           | 0.7                                   | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927405-V-A2        | - | -          | 11.5°F              |                                       |    |
| 1                                          | 25                | 12             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927505-A2          | - | 17.1°F     | 40.6H               |                                       |    |
| 1                                          | 25                | 12             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927505-E-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1                                          | 25                | 12             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927505-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1-1/4                                      | 32                | 24             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927605-A2          | - | 6.1°F      | 11.5°F              |                                       |    |
| 1-1/4                                      | 32                | 24             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927605-E-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1-1/4                                      | 32                | 24             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927605-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 1-1/2                                      | 40                | 29             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927705-A2          | - | 6.1°F      | 11.5°F              |                                       |    |
| 1-1/2                                      | 40                | 29             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927705-E-A2        | - | 20.1°F     | -                   |                                       |    |
| 1-1/2                                      | 40                | 29             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927705-V-A2        | - | 10.1°F     | 11.5°F              |                                       |    |
| 2                                          | 50                | 48             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 80  | 80  | 0927805-A2          | - | 6.1°F      | 11.5°F              |                                       |    |
| 2                                          | 50                | 48             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927805-E-A2        | - | 16.1°F     | 30.8°F              |                                       |    |
| 2                                          | 50                | 48             | 1                                     | 16            | 16    | 10                    | 16            | 16    | 10                    | 150 | 150 | 0927805-V-A2        | - | 16.1°F     | 30.8°F              |                                       |    |

\*Note:

Standard Voltages must be specified when ordering. Other voltages please consult SENYA staff for more details