# Solenoid valve 2/2 way N.C.
# Direct acting
# Explosion proof - Ex mb II T 4

**21L1QD*V*25 ÷ 21L1QD*V*40**

## 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.

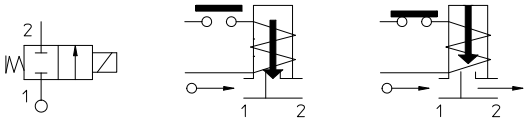
**USE:** Potentially explosive atmospheres

**PIPE:** G 1/8

**COILS:** Series TNA - Ø 14,5
(For characteristic see catalogue page)

Max. allowable pressure (PS) 40 bar
Temperature max. medium + 80°C
Ambient temperature:
See coils catalogue page for its compatibility.

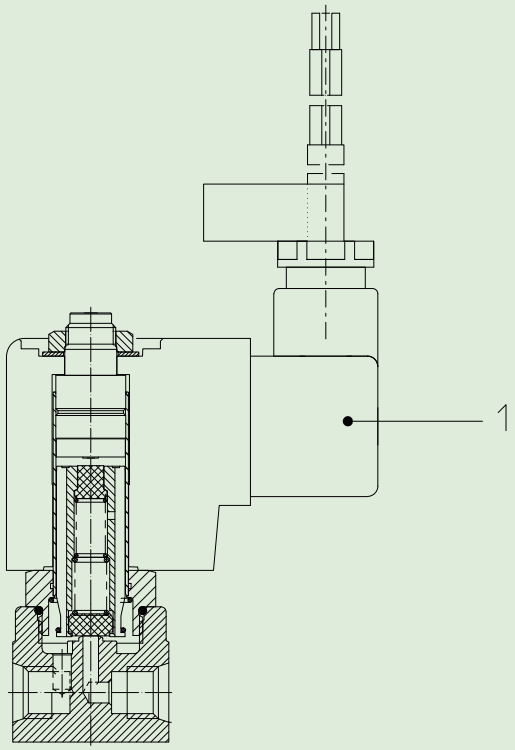
| Gaskets | Temperature | | Medium |
|---|---|---|---|
| **V**=FKM (fluoroelastomer) | - 10°C | + 80°C | Mineral oils (2°E), gasoline gas oil, fuel oils (7°E) |
| **F**=H-NBR (hydrogenated nitrile) | - 20°C | + 80°C | Air, inert gas, water R 134a, R 404a |




For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21L1QD***F***25.

| Pipe ISO 228/1 | Code | Max viscosity | | Ø | Kv | Power | Pressure | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | min | M.O.P.D. | |
| | | cSt | °E | mm | l/mn | watt | bar | AC bar | DC bar |
| G 1/8 | 21L1QD**V**25 | 53 | ~ 7 | 2,5 | 3,2 | (See TNA coils catalogue page) | 0 | 14 | 9 |
| | 21L1QD**V**30 | | | 3 | 4 | | | 10 | 6 |
| | 21L1QD**V**40 | | | 4 | 5 | | | 6 | 1,7 |

**( ATEX/ITA/09/063**
**According to Directive 94/9/CE ATEX )**




## MATERIALS:

| | |
|---|---|
| **Body** | Stainless steel AISI 316 |
| **Armature tube** | Stainless steel AISI series 300 |
| **Fixed core** | Stainless steel AISI series 400 |
| **Plunger** | Stainless steel AISI series 400 |
| **Phase displacement ring** | Gold plated copper |
| **Spring** | Stainless steel AISI series 300 |
| **Seal** | Standard: V=FKM<br>On request: F=H-NBR |
| **Orifice** | Stainless steel AISI 316 |

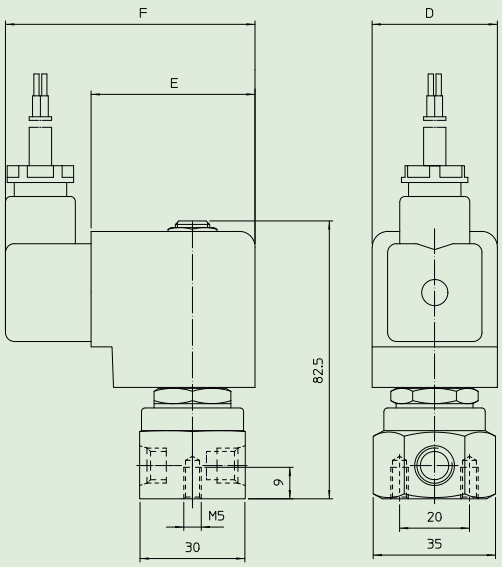
## FEATURES:

| | |
|---|---|
| **Protection degree** | IP 65 EN 60529 (DIN 40050 |

## SPARE PARTS:

1. **Coil:**
   See TNA coils list

## DIMENSIONS:




| COIL TYPE | DIMENSIONS | | |
|---|---|---|---|
| | D mm | E mm | F mm |
| T | 36 | 47 | 81 |