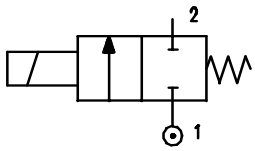
## DESCRIPTION

Solenoid valve 2 way normally closed direct acting with dry armature and hosetails for flexible pipes.
No metal parts in contact with the media.



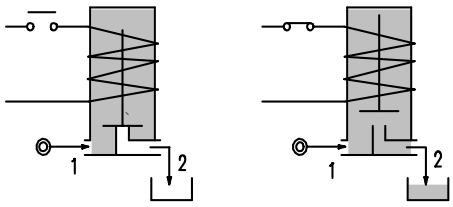
## CONSTRUCTION

| | |
|---|---|
| Body | Acetal copolymer |
| Armature tube | Stainless steel |
| Plunger and core | Stainless steel |
| Springs | Stainless steel |
| Seal material | Silicone |




## FEATURES

Maximum allowable pressure 2 bar
Maximum fluid viscosity 25cSt (mm ²/s)
Ambient temperature : with class F coil -10° +55°C
with class H coil -10° +80°C
Mounting position with vertical coil above




| CODE ② | Connection mm | KV m³/h | Differential pressure bar Min | Max AC | Max DC | Nominal power AC Inrush | VA Holding | DC Watt | Coil Series | Coil Width | Seal | Temp. range °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E161PS8///..... | 8 | 1.1 | 0 | 0.15 | 0.15 | 20 | 15 | 10 | 2 | 30 | SILICONE=S | < +95 |
| E161PS8/1/..... | 8 | 1.1 | 0 | 0.5 | 0.5 | 40 | 30 | 27 | 5 | 36 | | |

### For use with VACUUM – feeds from 2 to 1

| CODE ② | Connection mm | KV m³/h | Differential pressure bar Min | Max AC | Max DC | Nominal power AC Inrush | VA Holding | DC Watt | Coil Series | Coil Width | Seal | Temp. range °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E161PS8/V/..... | 8 | 1.1 | 0 | -0.9 | -0.7 | 20 | 15 | 10 | 2 | 30 | SILICONE=S | < +95 |
| E161PS8/V/..... | 8 | 1.1 | 0 | -0.9 | -0.9 | 40 | 30 | 27 | 5 | 36 | | |

② Coil

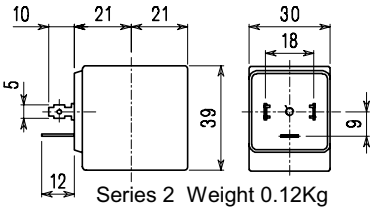
Example: E161PS8///20E
Coil 220V 50/60Hz

# Series **161**

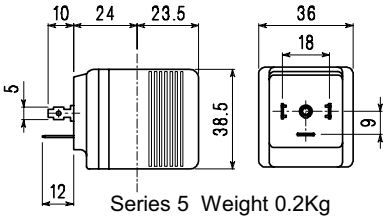
| COILS | Alternating Current ~50/60Hz Volt | | | | | | | Direct Current Volt | | | Electrical connection | Connectors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12 | 24 | 48 | 110 | 220 230 | 240 | 380 | 12 | 24 | 48 | | |
| Series **2** Width 30 Code ② | 20A | 20B | 20C | 20D | 20E | 20F | 20G | 200 | 201 | 202 | DIN 43650A | PG9 code 10349000 |
| Series **5** Width 36 Code ② | 52A | 52B | 52C | 52D | 52E | 52F | 52G | 521 | 521 | 522 | DIN 43650A | PG11 code 10349001 |

**DESCRIPTION**
**Insulation class**
**Series 2=F Series 5=H**
**Voltage tolerance**
**AC +15% -10%**
**DC ± 10%**
**Protection class**
**IP65 with connector fitted**
**IP00 without connector**
**Continuous service ED100%**

**OPTIONS**
**Class H insulation (series 2)**
**Cable attached**
**Special coil voltages**
**Special coil powers**

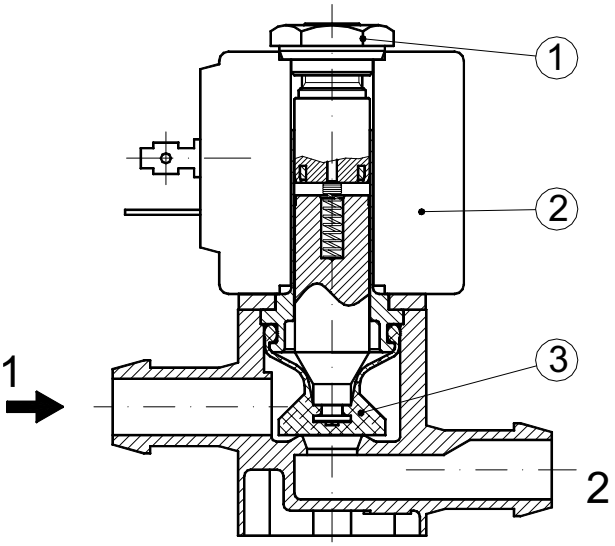



Series 2 Weight 0.12Kg

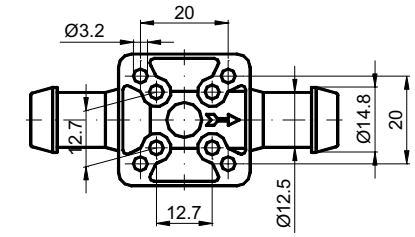


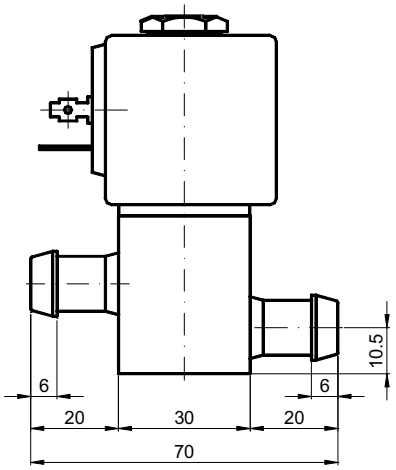

Series 5 Weight 0.2Kg

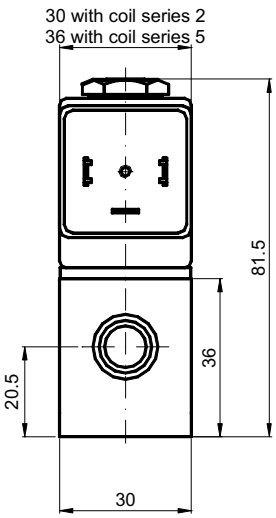
**SPARE PARTS LIST**
1. Coil fixing nut
2. Coil
3. Diaphragm




**OVERALL DIMENSION**




Weight with coil series 2 = 0.23 Kg
Weight with coil series 5 = 0.31 Kg