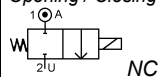


Media: air – water – gas – light oil – vacuum  
 Pressure range: 0 to 28 Bar max  
 Media temperature: 180°C max  
 Ambient temperature: -10°C to +50°C max  
 Media viscosity: 40 centistokes max  
 Mounting: any position  
 Weight (including coil) 242g  
 Opening / Closing time: 10-20 mSec Max



# 2/2 Stainless

## 1/8 – 1/4

### NORMALLY CLOSED

### 2 WAY DIRECT ACTING

### 0 – 28 Bar

## TYPE SPU220AR



#### PRESSURE

| Ø Port BSPT | Ø Orifice (mm) | Flow Kv Ltr/Min | Pressure Rating (Bar) ΔP |              |                | Seals                        | Max Media Temp °C       | Part Number                                                                                                                        |  |
|-------------|----------------|-----------------|--------------------------|--------------|----------------|------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|--|
|             |                |                 | Min                      | 15 Watt Coil | 18.5 Watt Coil |                              |                         |                                                                                                                                    |  |
|             |                |                 |                          | Max          | Max            |                              |                         |                                                                                                                                    |  |
| 1/8         | 1.6            | 1.43            | 0                        | 20           | 28             | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-011 + voltage + coil<br>SPU220ARB-011 + voltage + coil<br>SPU220ARE-011+ voltage + coil<br>SPU220ARH-011 + voltage + coil |  |
|             | 2.4            | 3.0             | 0                        | 10           | 14             | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-012 + voltage + coil<br>SPU220ARB-012 + voltage + coil<br>SPU220ARE-012+ voltage + coil<br>SPU220ARH-012 + voltage + coil |  |
|             | 3.2            | 4.71            | 0                        | 7            | 10             | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-013 + voltage + coil<br>SPU220ARB-013 + voltage + coil<br>SPU220ARE-013+ voltage + coil<br>SPU220ARH-013 + voltage + coil |  |
|             | 4              | 6.14            | 0                        | 5            | 7              | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-014 + voltage + coil<br>SPU220ARB-014 + voltage + coil<br>SPU220ARE-014+ voltage + coil<br>SPU220ARH-014 + voltage + coil |  |
| 1/4         | 1.6            | 1.43            | 0                        | 20           | 28             | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-021 + voltage + coil<br>SPU220ARB-021 + voltage + coil<br>SPU220ARE-021+ voltage + coil<br>SPU220ARH-021 + voltage + coil |  |
|             | 2.4            | 3.0             | 0                        | 10           | 14             | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-022 + voltage + coil<br>SPU220ARB-022 + voltage + coil<br>SPU220ARE-022+ voltage + coil<br>SPU220ARH-022 + voltage + coil |  |
|             | 3.2            | 4.71            | 0                        | 7            | 10             | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-023 + voltage + coil<br>SPU220ARB-023 + voltage + coil<br>SPU220ARE-023+ voltage + coil<br>SPU220ARH-023 + voltage + coil |  |
|             | 4              | 6.14            | 0                        | 5            | 7              | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-024 + voltage + coil<br>SPU220ARB-024 + voltage + coil<br>SPU220ARE-024+ voltage + coil<br>SPU220ARH-024 + voltage + coil |  |
|             | 5              | 7.1             | 0                        | 4            | 5.6            | VITON<br>NBR<br>EPDM<br>HNBR | 180<br>80<br>130<br>150 | SPU220AR-025 + voltage + coil<br>SPU220ARB-025 + voltage + coil<br>SPU220ARE-025+ voltage + coil<br>SPU220ARH-025 + voltage + coil |  |

#### OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A  
 NPT and BSPT Thread  
 22005 High Power 18.5 Watt coil  
 ATEX EExmIT4 II 2G & 2D IP65 T130°C  
 PTFE Seals

Included

#### ELECTRICAL DATA

| Voltage (-10% + 15%)<br>Continuous duty 100% |                                         | Coil  | Power Consumption |         | Insulation class | Enclosure                  | Electrical connections                         |
|----------------------------------------------|-----------------------------------------|-------|-------------------|---------|------------------|----------------------------|------------------------------------------------|
|                                              |                                         |       | Inrush            | Holding |                  |                            |                                                |
| ~                                            | 24 - 48 - 110 - 230 - 380 (50 or 60 Hz) | 22003 | 23 VA             | 17 VA   | F 155°C          | IP 65<br>with<br>connector | 3 spades<br>DIN 43650<br>DIN 40050<br>VDE 0110 |
| =                                            | 12 – 24 - 48 (DC)                       |       | 15 Watts          |         |                  |                            |                                                |
| ~                                            | 24 - 48 - 110 - 230 - 415 (50 or 60 Hz) | 22005 | 33VA              | 24VA    |                  |                            |                                                |
| =                                            | 12 - 24 - 48 – 80 – 190 (DC)            |       | 18.5 Watts        |         |                  |                            |                                                |

#### CONSTRUCTION

Body: AISI303 Stainless steel, Tube and internal parts: AISI304 stainless steel, Head & plunger: AISI 430Fr Stainless steel, Moulded coil: Resin

#### REPAIR KIT

|          |                                      |
|----------|--------------------------------------|
| Coil     | Coil size (22003 or 22005) + voltage |
| Seal Kit | EVB22000SPU220AR + seal material     |

#### OVERALL DIMENSIONS

