

ASCO - 2/2 PROPORTIONAL VALVE 3/8"

SCE202A027VS3  
Proportional valve 2/2 NC 3/8" 24VDC

- Normally closed
- Large flow
- Working pressure 0 to 4 bar
- Housing in brass or stainless



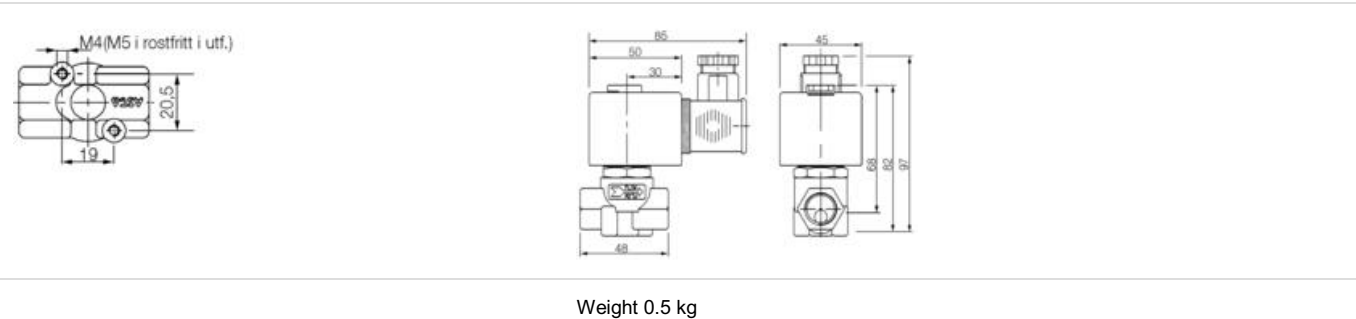
Product description

|                         |                               |
|-------------------------|-------------------------------|
| Differential pressure   | 0-4 bar                       |
| Max. permitted pressure | 35 bar                        |
| Max. viscosity          | 21 cSt (mm²/s)                |
| Media                   | Air, gas, water and oil       |
| Media temperature       | -10 °C to +90 °C, FPM (Viton) |
| IP-class                | IP65                          |
| Standard voltages       | 0 to 24 V DC                  |
| Hysteresis              | <5 %                          |
| Repeatability           | <3 %                          |
| Sensitivity             | <2 %                          |
| Connection              | DIN43650/A                    |

|            |                  |                  |
|------------|------------------|------------------|
| Design     |                  |                  |
| Valve body | Brass            | AISI303SS        |
| Core tube  | Stainless 305SS  | Stainless 305SS  |
| Core       | Stainless 430FSS | Stainless 430FSS |
| Spring     | Stainless 302SS  | Stainless 302SS  |
| Seat       | Brass            | Stainless 303SS  |

|                         |             |       |
|-------------------------|-------------|-------|
| <b>Seals</b>            | FPM (viton) | FPM   |
| <b>Slide ring/guide</b> | PTFE        | PTFE  |
| <b>Coil</b>             | Epoxy       | Epoxy |

## Dimensions



| Coil  | Power consumption |           | Ambient temperature |
|-------|-------------------|-----------|---------------------|
|       | working current   | warm/cold |                     |
|       | mA                | W         |                     |
| MXX-F | 100-500           | 11/8      | -10 °C to +75 °C    |

## Order number

| Order no.                           | Connection | Orifice | Flow factor Kv |        | Differential pressure bar |        |                   |
|-------------------------------------|------------|---------|----------------|--------|---------------------------|--------|-------------------|
|                                     |            | mm      | m³/h           | l/min. | min.                      | vacuum | air/gas/water/oil |
| G, Brass housing, Viton seals       |            |         |                |        |                           |        |                   |
| SCE202A023VS3                       | 3/8        | 3.2     | 0.24           | 4.0    | 0                         | 1      | 4.0               |
| SCE202A024VS3                       | 3/8        | 4.0     | 0.42           | 7.0    | 0                         | 1      | 2.5               |
| SCE202A026VS3                       | 3/8        | 5.6     | 0.72           | 12.0   | 0                         | 1      | 1.4               |
| SCE202A027VS3                       | 3/8        | 7.1     | 0.90           | 15.0   | 0                         | 1      | 1.0               |
| SCE202A073VS3                       | 3/8        | 3.2     | 0.24           | 4.0    | 0                         | 1      | 4.0               |
| SCE202A074VS3                       | 3/8        | 4.0     | 0.42           | 7.0    | 0                         | 1      | 2.5               |
| SCE202A076VS3                       | 3/8        | 5.6     | 0.72           | 12.0   | 0                         | 1      | 1.4               |
| SCE202A077VS3                       | 3/8        | 7.1     | 0.90           | 15.0   | 0                         | 1      | 1.0               |
| NPT, Stainless housing, Viton seals |            |         |                |        |                           |        |                   |
| SCB202A033VS3                       | 3/8        | 3.2     | 0.24           | 4.0    | 0                         | 1      | 4.0               |
| SCB202A034VS3                       | 3/8        | 4.0     | 0.42           | 7.0    | 0                         | 1      | 2.5               |
| SCB202A036VS3                       | 3/8        | 5.6     | 0.72           | 12.0   | 0                         | 1      | 1.4               |
| SCB202A037VS3                       | 3/8        | 7.1     | 0.90           | 15.0   | 0                         | 1      | 1.0               |
| SCB202A083VS3                       | 3/8        | 3.2     | 0.24           | 4.0    | 0                         | 1      | 4.0               |

|               |     |     |      |      |   |   |     |
|---------------|-----|-----|------|------|---|---|-----|
| SCB202A084VS3 | 3/8 | 4.0 | 0.42 | 7.0  | 0 | 1 | 2.5 |
| SCB202A086VS3 | 3/8 | 5.6 | 0.72 | 12.0 | 0 | 1 | 1.4 |
| SCB202A087VS3 | 3/8 | 7.1 | 0.90 | 15.0 | 0 | 1 | 1.0 |

## Special versions

- Other seals

## Accessories

- Cable connector - C18209N21
- Control electronics - E908A001

### Specifications

|                                  |                        |
|----------------------------------|------------------------|
| Coil Material                    | Epoxy                  |
| Connection Thread                | 3/8 BSP                |
| Differential Pressure Air Max    | 1                      |
| Differential Pressure Min        | 0                      |
| Differential pressure vacuum max | 1                      |
| Flow Factor / Flow Coefficient   | 0,9                    |
| Flow Max l/min Double            | 15                     |
| Function 1                       | 2/2                    |
| Function 2                       | Normally Closed (SPST) |
| IP Class                         | IP65                   |
| Material Body                    | Brass                  |
| Material of seals                | FPM                    |
| Material Plunger                 | Stainless steel        |
| Material Slide Ring              | PTFE                   |
| Materials Seat                   | Brass                  |
| Materials Spring                 | Stainless steel        |
| Max. pressure                    | 35                     |
| Power Consumption                | 8                      |
| Sensitivity                      | <2%                    |
| Temperature range from           | -10                    |
| Temperature range of media from  | -10                    |
| Temperature range of media to    | 90                     |
| Temperature range to             | 75                     |
| Throughput                       | 7.1                    |

|                      |     |
|----------------------|-----|
| <b>Weight</b>        | 0.5 |
| <b>Viscosity Max</b> | 21  |
| <b>Voltage DC</b>    | 24  |

