



## ASCO - SENTRONIC D PROGRAMMABLE PROPORTIONAL VALVE 1/8"-3/8"

608030111

Sentronic D, G1/8, 0-3bar, DN4, 0-10V

- Direct operating
- Rapid and accurate pressure regulation
- Simple optimisation of regulation parameters
- LED display shows the pressure



### PRODUCT DESCRIPTION

Sentronic<sup>D</sup> is an electrically controlled pressure regulator. The direct operating solenoid construction provides accurate control, short response time and minimal stabilisation time. If an optimisation of the valve characteristics is required, this is easily done using the PC to optimally set the regulator for each individual application. All the valve regulation parameters can be adjusted using the DaS software. It also contains an oscilloscope function showing, among other things, feedback and setpoint values as well as test functions with simulation of ramped or stepped control signals. The set values can be saved as a file for, for example, the documentation of a project. This file could also be used to quickly program several valves requiring the same settings.

### TECHNICAL DATA

#### GENERAL DATA

|                                |      |
|--------------------------------|------|
| Connection                     | G1/8 |
| Flow factor / flow coefficient | 0,25 |
| IP class                       | IP65 |

#### MATERIAL DATA

|                         |          |
|-------------------------|----------|
| Material of seals       | FPM, NBR |
| Material internal parts | POM      |

#### TEMPERATURE DATA

|                           |       |
|---------------------------|-------|
| Temperature of media from | 0 °C  |
| Temperature of media to   | 60 °C |

#### ADDITIONAL DATA

|              |       |
|--------------|-------|
| Pressure max | 6 bar |
|--------------|-------|

|                                    |           |
|------------------------------------|-----------|
| <b>Weight</b>                      | 0,56 kg   |
| <b>Mounting</b>                    | Thread    |
| <b>Temperature operational max</b> | 50 °C     |
| <b>Pressure range max</b>          | 3 bar     |
| <b>Power consumption</b>           | 21 W      |
| <b>Flow max</b>                    | 470 l/min |
| <b>Temperature operational min</b> | 0 °C      |
| <b>Pressure range min</b>          | 0 bar     |
| <b>Throughput</b>                  | 4 mm      |
| <b>Voltage dc</b>                  | 24 V      |
| <b>Material of body</b>            | Aluminium |
| <b>Load max</b>                    | 850 mA    |

