



## ASCO - 2/2 PROPORTIONAL VALVE ANGLE-SEAT VALVE

E290A063PD

- 2/2 normally closed
- Gate signal 0-10 V, 0.20 mA or 4-20 mA
- Working pressure 0 to 16 bar
- Housing in bronze or stainless



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

|                                |           |
|--------------------------------|-----------|
| Connection                     | 1 1/2 BSP |
| Flow factor / flow coefficient | 29        |
| IP class                       | IP65      |

#### MATERIAL DATA

|               |                      |
|---------------|----------------------|
| Material body | Stainless steel 316L |
|---------------|----------------------|

#### TEMPERATURE DATA

|                           |        |
|---------------------------|--------|
| Temperature of media from | -10 °C |
| Temperature of media to   | 180 °C |

#### ADDITIONAL DATA

|                   |         |
|-------------------|---------|
| Pressure max      | 16 bar  |
| Viscosity max     | 600 cSt |
| Power consumption | 3.6 W   |
| Throughput        | 40 mm   |

|  |                        |
|--|------------------------|
| <b>Type of valve</b>                   | Proportional valve     |
| <b>Supply voltage ac/dc max</b>        | 24 V                   |
| <b>Pilot pressure max</b>              | 8 bar                  |
| <b>Repeatability</b>                   | <1 %                   |
| <b>Temperature operational min</b>     | 0 °C                   |
| <b>Temperature operational max</b>     | 50 °C                  |
| <b>Connection air</b>                  | 1/8 BSP                |
| <b>Current max</b>                     | 0.15 A                 |
| <b>Differential air pressure max</b>   | 4 bar                  |
| <b>Differential pressure max</b>       | 10 bar                 |
| <b>Differential pressure min</b>       | 0 bar                  |
| <b>Differential oil pressure max</b>   | 4 bar                  |
| <b>Differential water pressure max</b> | 4 bar                  |
| <b>Differential steam pressure max</b> | 4 bar                  |
| <b>Material disc</b>                   | Stainless steel        |
| <b>Material disc sealing</b>           | PTFE, Stainless steel  |
| <b>Flow max</b>                        | 483 l/min              |
| <b>Function 1</b>                      | 2/2                    |
| <b>Function 2</b>                      | Normally Closed (SPST) |
| <b>Material controls</b>               | Reinforced polyamide   |
| <b>Material piston rod</b>             | Stainless steel        |
| <b>Material piston rod seal</b>        | PTFE                   |
| <b>Pilot pressure min</b>              | 4 bar                  |

