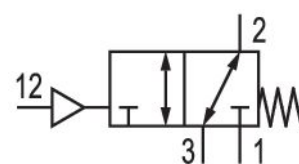


3/2-directional valve, Series CD12

5711100300

Series CD12

- $Q_n = [[3600 \dots 4100] \text{ l/min}]$



Technical data

| | |
|---------------------------------------|-----------------------------------|
| Industry | Industrial |
| Activation | Pneumatically |
| Valve type | Spool valve, positive overlapping |
| Valve function | NC/NO |
| Sealing principle | soft seal |
| Connection type | Pipe connection |
| Compressed air connection input | G 1/2 |
| Compressed air connection output | G 1/2 |
| Compressed air connection, exhaust | G 1/2 |
| Compressed air connection pilot input | G 1/8 |
| Nominal flow Q_n | 4000 l/min |

| | |
|------------------------------------|---------------------|
| Working pressure min. | -0.95 bar |
| Working pressure max | 16 bar |
| Control pressure min. | 2 bar |
| Control pressure max. | 10 bar |
| ATEX | Suitable for ATEX |
| Min. ambient temperature | -25 °C |
| Max. ambient temperature | 70 °C |
| Min. medium temperature | -25 °C |
| Max. medium temperature | 70 °C |
| Medium | Compressed air |
| Oil content of compressed air min. | 0 mg/m ³ |
| Oil content of compressed air max. | 1 mg/m ³ |
| Max. particle size | 50 µm |
| Weight | 0.71 kg |

Material

| | |
|------------------|--|
| Housing material | Aluminum Polyamide fiber-glass reinforced |
| Seal material | Acrylonitrile butadiene rubber Polyurethane |
| Part No. | 5711100300 |

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

