

Norgren 59.03020

Клапан с пневматическим управлением



Артикул: 59.03020

1. ОБЩЕЕ ОПИСАНИЕ

Золотниковый клапан с пневматическим управлением для перераспределения потоков сжатого воздуха в пневматической системе, силумин, пластик



2. ПРИМЕНЕНИЕ И ИНСТРУКЦИЯ

Способы применения и инструкция доступны по ссылке:

https://cdn.norgren.com/pdf/en_5_2_040_MICROSOL.pdf

3. ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ

Technical features

Medium:

Air, oxygen, neutral gases (10% to 95% humidity, non condensing), 40 µm filtered

Operation:

Direct acting 2-way and 3-way valves, normally closed and normally opened

Operating pressure:

see table below page 2

Flow:

6 ... 120 l/min at 2 bar (29 psi) at +20°C (+68°F)

kv factor:

0,15 ... 3 (Cv: 0,01 ... 0,2)

Mounting:

Manifold

Orifice:

2/2 way valves
0,5 ... 3,6 mm (0,02 ... 0,14")
3/2 way valves
0,5 ... 1,5 mm (0,02 ... 0,06")

Response time:

10 ... 15 ms
Response time measured according to ISO 12238

Life expectancy:

≥100 million cycles (except Hit & Hold valves)

Weight:

30 g (0,07 lbs)

Ambient/media temperature:

-10 ... +50°C (+14 ... +122°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body: PPS, PA
Seat seals: NBR, FPM
Internal parts: Stainless steel, PAA

Electrical details

Voltage	24 V d.c.
Voltage range	-10% ... +15% @ 100% duty cycle
Electrical insulation	1500 V a.c.
Insulation class	F (155°C)
Protection class according to EN 60529	IP51 with connector

Following options on request

Pneumatic configuration (latching)
Operating pressure (also vacuum)
Materials
Voltage
Pneumatic port allocation
Power consumption
Electrical connections (300 mm flying leads, connector types)
Coil orientation
Protection class

Embedded electronics options

Integrated pulse width modulation (PWM)
Reverse polarity protection
Led signalization