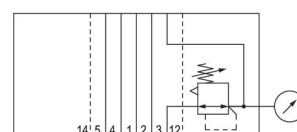


Pressure regulator for vertical stacking

5750020510

Series HF03-LG

■ $Q_n = [[700] \text{ l/min}]$



Technical data

Industry
Industrial

Type
Poppet valve

Certificates
Free of substances that impair surface wetting in the coating process
standard
ISO 15407-1

Actuating element
Screw with wrench flats

Controlled port
3

Compressed air connection, exhaust
base plate DIN ISO 15407-1

Compressed air connection gauge port
Ø 6x1

Working pressure min.
2 bar

Working pressure max
10 bar

Regulation range min.
0.8 bar

Regulation range max.
8 bar

Min. ambient temperature
-15 °C

Max. ambient temperature
50 °C

Min. medium temperature
-15 °C

Max. medium temperature
50 °C

Medium
Compressed air

Max. particle size
50 µm

Oil content of compressed air min.
0 mg/m³

Oil content of compressed air max.
1 mg/m³

Qn 1 > 2
750 l/min

Weight
0.2 kg

Housing material
Polyamide fiber-glass reinforced
Polyoxymethylene

Seal material
Acrylonitrile butadiene rubber

Part No.
5750020510

Technical information

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

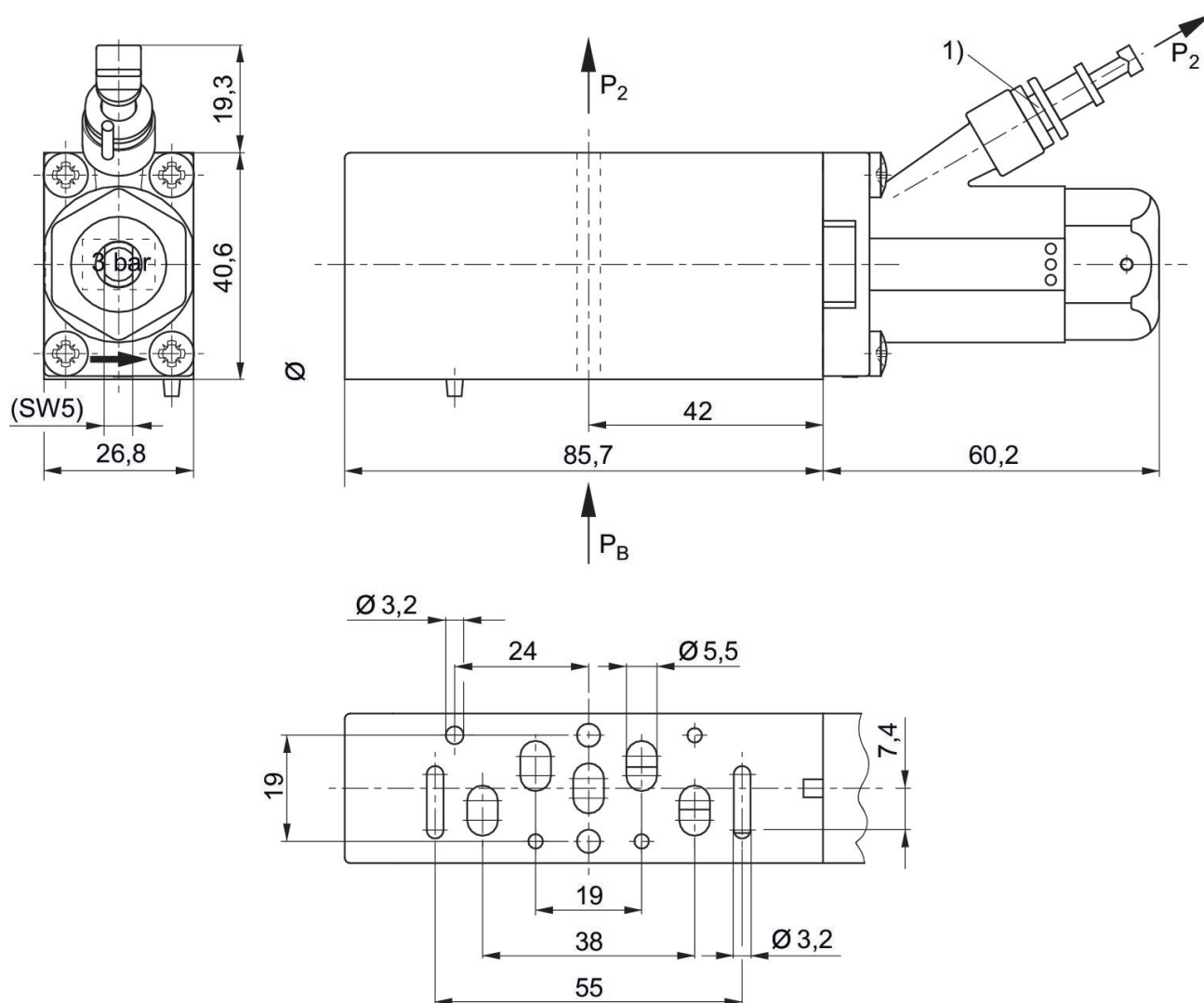
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

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>).



Fig. 1



1) push-in fitting $\varnothing 6 \times 1$ (for pressure gauge) 2) preset at 3 bar
 p_2 = Secondary pressure
 P_B = Working pressure