







3/2-directional valve, Series DO22

- Plate connection
- Electrical connection : Plug, ISO 6952, form B
- Manual override : with detent without
- With spring return



Version	Poppet valve
Activation	Electrically
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m ³
Nominal flow 1 ► 2	48 l/min
Nominal flow 2 ► 3	56 l/min
Protection class with connection	IP65
Compatibility index	See table below
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3

Technical data

Part No.	MO	Operationalvoltage		Voltage tolerance	Power consumption
		DC	DC	DC	DC
0820046005		24 V	24 V	-10% / +10%	2,6 W
0820046002		24 V	24 V	-10% / +10%	4,8 W
0820046980		-	-	-	-
0820046101		24 V	24 V	-10% / +10%	4,8 W
0820046990		-	-	-	-
0820046991		-	-	-	-

Part No.	Working pressure min./max.	Compatibility index	basic valve with electrical connector
0820046005	2 ... 7 bar	13	-
0820046002	0 ... 10 bar	14	-
0820046980	0 ... 10 bar	14	Basic valve without coil
0820046101	0 ... 10 bar	14	-
0820046990	0 ... 10 bar	14	Basic valve without coil
0820046991	0 ... 10 bar	14	Basic valve without coil

Part No.	Power consumption	ATEX
0820046005	Low power consumption	-
0820046002	-	-
0820046980	-	suitable for ATEX
0820046101	-	-
0820046990	-	suitable for ATEX

Part No.	Power consumption	ATEX
0820046991	-	suitable for ATEX

Nominal flow Qn at 6 bar and $\Delta p = 1$ bar, MO = Manual override

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 the MediaCentre).

Technical information

Material	
Housing	Plastic
Seals	Fluorocaoutchouc

Dimensions

Dimensions

