












3/2-directional valve, Series DO22

- 3/2
- Plate connection
- Electrical connection : Plug, ISO 6952, form B
- Manual override : with detent without
- With spring return



Type	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/m³
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	Operational voltage	Voltage tolerance
			DC	DC
0820046005			24 V	-10% / +10%
0820046002			24 V	-10% / +10%
0820046980			-	-
0820046101			24 V	-10% / +10%
0820046990			-	-
0820046991		-	-	-

Part No.	Power consumption	Working pressure min./max.	Compatibility index
	DC		
0820046005	2,6 W	2 ... 7 bar	13
0820046002	4,8 W	0 ... 10 bar	14
0820046980	-	0 ... 10 bar	14
0820046101	4,8 W	0 ... 10 bar	14
0820046990	-	0 ... 10 bar	14
0820046991	-	0 ... 10 bar	14

Part No.	basic valve with electrical connector	Power consumption	ATEX
0820046005	-	Low power consumption	-
0820046002	-	-	-
0820046980	Basic valve without coil	-	suitable for ATEX

Part No.	basic valve with electrical connector	Power consumption	ATEX
0820046101	-	-	-
0820046990	Basic valve without coil	-	suitable for ATEX
0820046991	Basic valve without coil	-	suitable for ATEX

Nominal flow Qn at 6 bar and Δp = 1 bar, MO = Manual override

Technical information

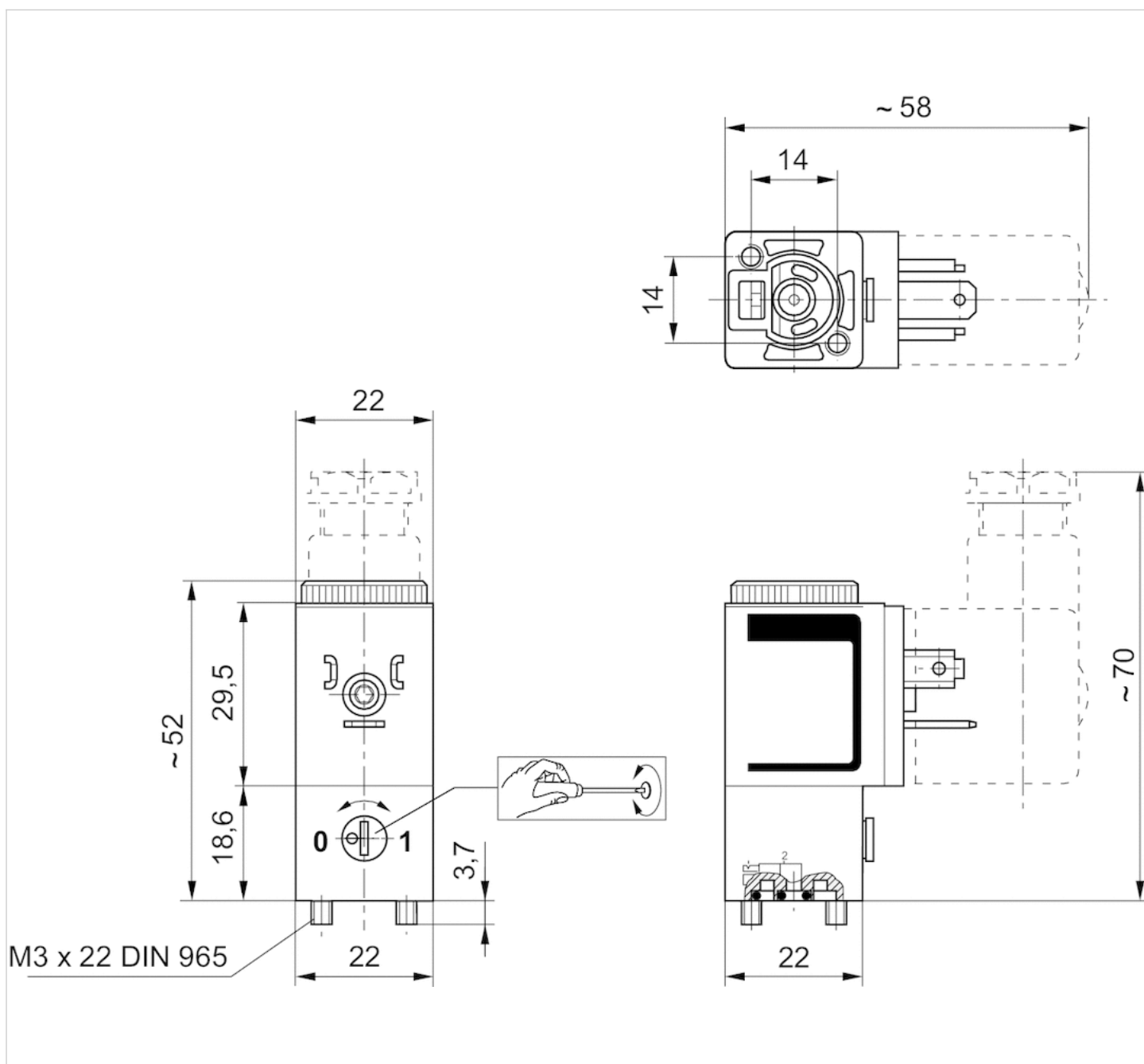
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
 The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
 The oil content of compressed air must remain constant during the life cycle.
 Use 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



Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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