

Pilot valve, Series DO35

- NC NO
- Pipe connection
- Electrical connection : Plug, EN 175301-803, form A
- Manual override : with detent
- With spring return



Type	Poppet valve
Activation	Electrically
Sealing principle	Soft sealing
Working pressure min./max.	0 ... 10 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air
Nominal flow 1 ► 2	See table below
Nominal flow 2 ► 3	130 l/min
Duty cycle	100 %
mounting screws	M4
Tightening torque tolerance	+0,3

Technical data

Part No.			Compressed air connection	Operational voltage
			Exhaust	DC
1827414004		NC	G 1/8	24 V
1827414006		NO	G 1/8	24 V
1827414011		NC	G 1/8	-
1827414015		NC	G 1/8	-
1827414016		NC	G 1/8	-
1827414020		NO	G 1/8	-
1827414024		NO	G 1/8	-
1827414025		NO	G 1/8	-

Part No.	Operational voltage	Operational voltage	Power consumption
	AC 50 Hz	AC 60 Hz	DC
1827414004	-	-	8 W
1827414006	-	-	8 W
1827414011	24 V	-	-
1827414015	110 V	110 V	-
1827414016	230 V	-	-
1827414020	24 V	-	-
1827414024	110 V	110 V	-
1827414025	230 V	-	-

Part No.	Holding power	Holding power	Switch-on power	Switch-on power	Nominal flow 1 ► 2
	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	
1827414004	-	-	-	-	140 l/min
1827414006	-	-	-	-	110 l/min

Part No.	Holding power	Holding power	Switch-on power	Switch-on power	Nominal flow 1 ► 2
	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	
1827414011	14 VA	14 VA	21 VA	21 VA	140 l/min
1827414015	14 VA	14 VA	21 VA	21 VA	140 l/min
1827414016	14 VA	14 VA	21 VA	21 VA	140 l/min
1827414020	14 VA	14 VA	21 VA	21 VA	110 l/min
1827414024	14 VA	14 VA	21 VA	21 VA	110 l/min
1827414025	14 VA	14 VA	21 VA	21 VA	110 l/min

Part No.	Fig.
1827414004	Fig. 1
1827414006	Fig. 2
1827414011	Fig. 1
1827414015	Fig. 1
1827414016	Fig. 1
1827414020	Fig. 2
1827414024	Fig. 2
1827414025	Fig. 2

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.

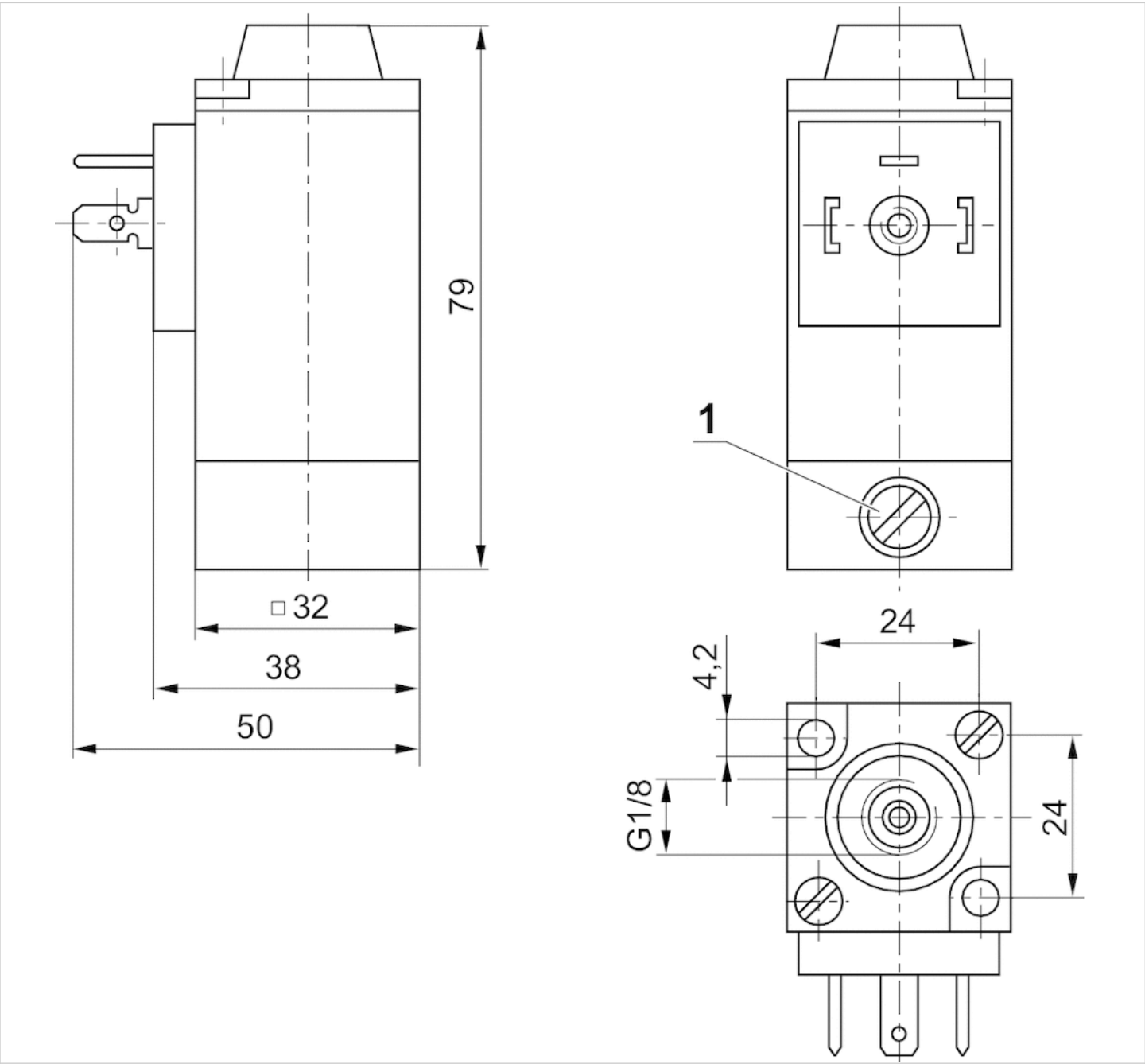
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Seals	Fluorocautchouc

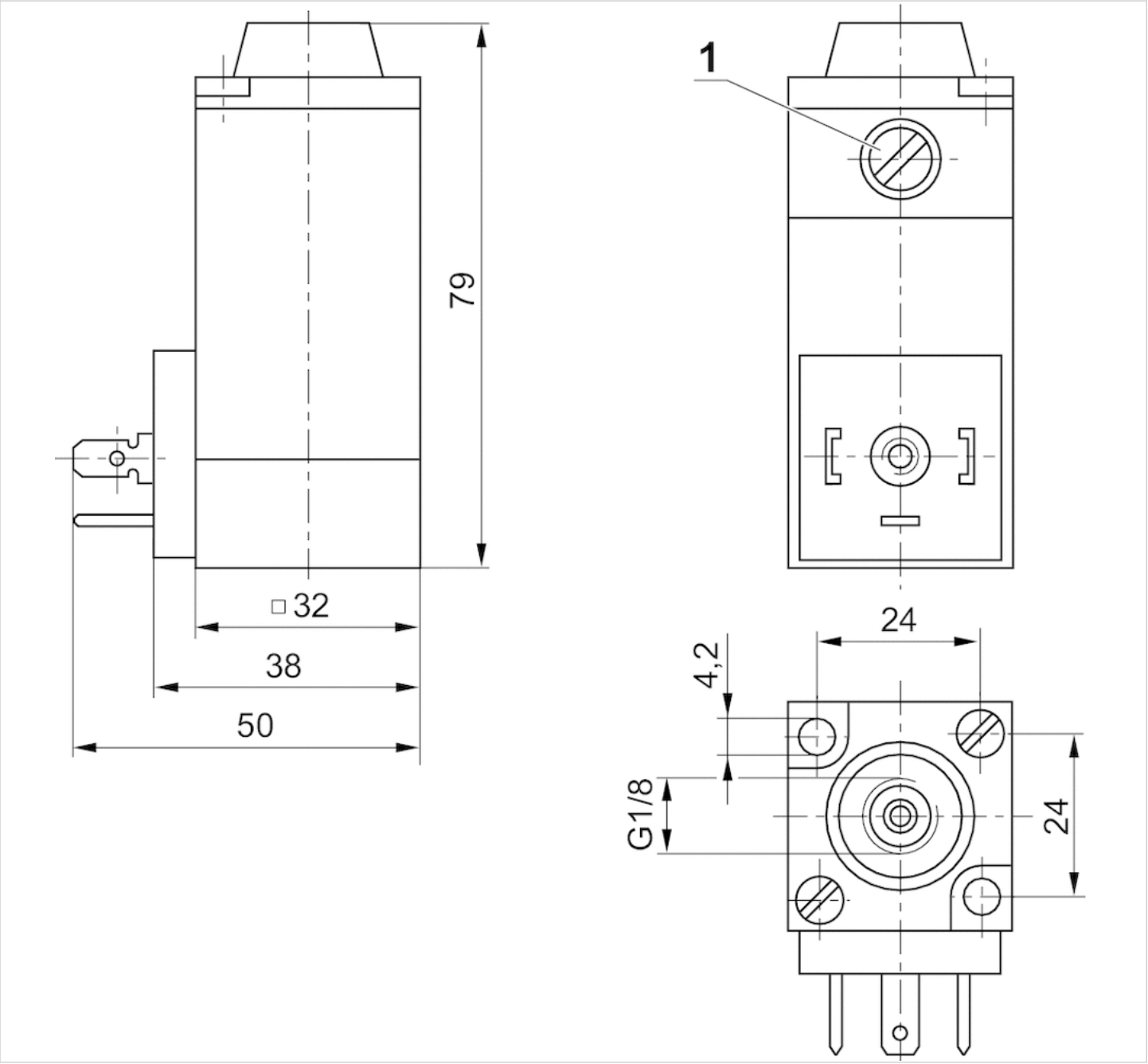
Dimensions

Fig. 1



1) Manual override

Fig. 2



1) Manual override

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