

Pilot valve

- CNOMO / NFE 49-003-1

- 581, Modular system



Standards

Working pressure min./max.

Ambient temperature min./max.

Medium

Protection class with connection

Duty cycle

Weight

CNOMO / NFE 49-003-1

See table below

-10 ... 50 °C

Compressed air



















IP65

100 %

See table below

An example configuration is illustrated.
The delivered product may thus deviate
from the illustration.

Technical data

Part No.		MO	Operational voltage DC	Operational voltage AC 50 Hz
5428110080			-	230 V
5420890020			24 V	-
5420850020		-	24 V	-
5428150080		-	-	230 V
5420890030			48 V	-
5420890070			110 V	-
5420890080			220 V	-
5428110020			-	24 V
5428110040			-	48 V
5428110070			-	110 V

Part No.	Voltage tolerance DC	Voltage tolerance AC 50 Hz	Power consumption DC	Holding power AC 50 Hz
5428110080	-	-20% / +10%	-	8 VA
5420890020	-10% / +10%	-	2 W	-
5420850020	-10% / +10%	-	6,7 W	-
5428150080	-	-20% / +10%	-	8 VA
5420890030	-10% / +10%	-	2 W	-
5420890070	-10% / +10%	-	2 W	-
5420890080	-10% / +10%	-	2 W	-
5428110020	-	-20% / +10%	-	8 VA
5428110040	-	-20% / +10%	-	8 VA
5428110070	-	-20% / +10%	-	8 VA

Part No.	Switch-on power AC 50 Hz	Working pressure min./max.	Power consumption
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Part No.	Switch-on power AC 50 Hz	Working pressure min./max.	Power consumption
5428110080	10 VA	0 ... 10 bar	-
5420890020	-	0 ... 10 bar	Low power consumption
5420850020	-	0 ... 16 bar	-
5428150080	10 VA	0 ... 16 bar	-
5420890030	-	0 ... 10 bar	Low power consumption
5420890070	-	0 ... 10 bar	Low power consumption
5420890080	-	0 ... 10 bar	Low power consumption
5428110020	10 VA	0 ... 10 bar	-
5428110040	10 VA	0 ... 10 bar	-
5428110070	10 VA	0 ... 10 bar	-

Part No.	Weight
5428110080	0,17 kg
5420890020	0,17 kg
5420850020	0,206 kg
5428150080	0,162 kg
5420890030	0,17 kg
5420890070	0,17 kg
5420890080	0,17 kg
5428110020	0,17 kg
5428110040	0,17 kg
5428110070	0,17 kg

MO = Manual override, pilot valve 30x22 mm with CNOMO porting configuration

Technical information

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

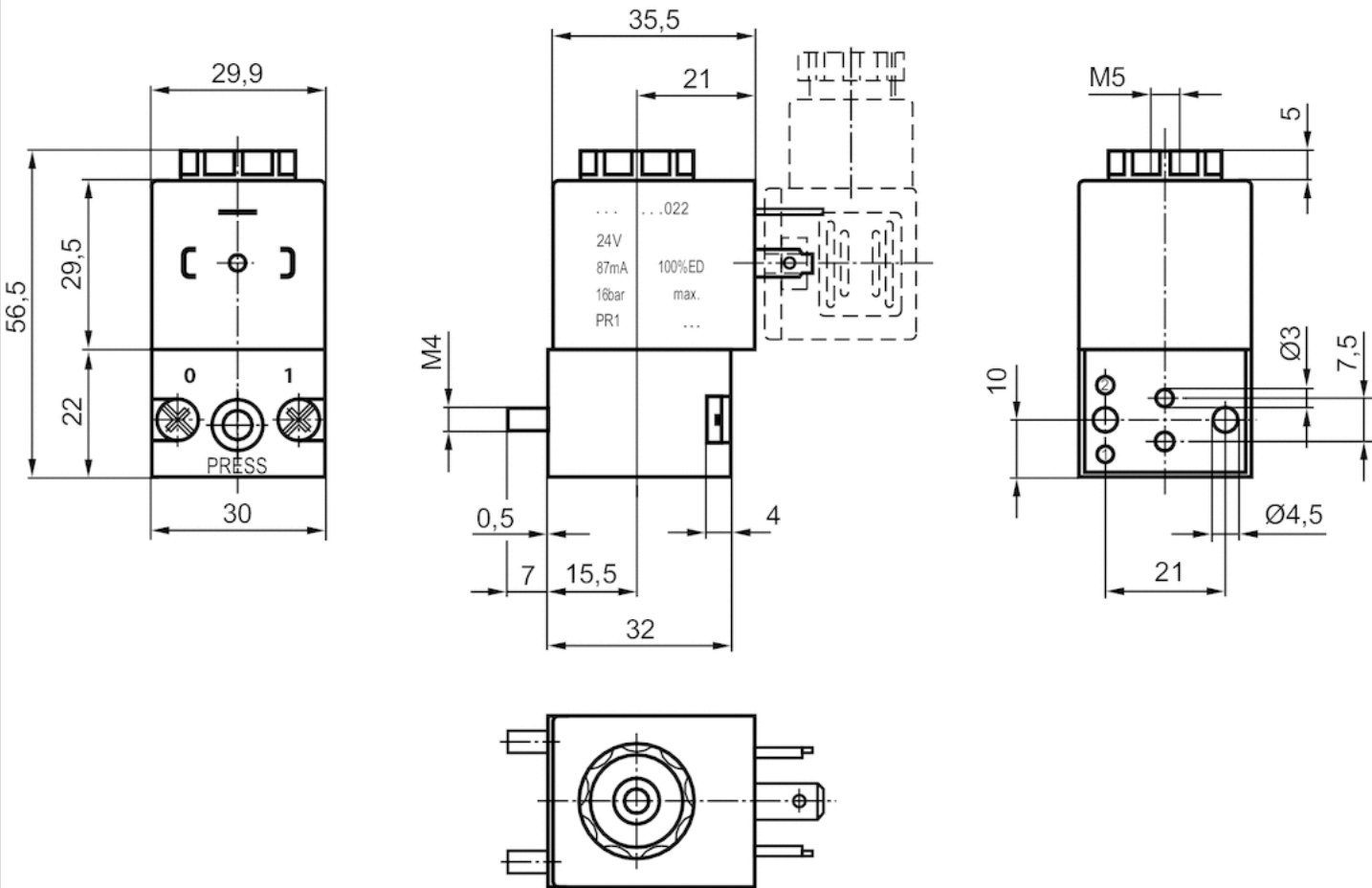
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

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).

Dimensions

Dimensions



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An example configuration is depicted on the title page. The delivered product may thus vary from that in the illustration. Subject to change. This Document, as well as the data, specifications and other information set forth in it, are the exclusive property of AVENTICS GmbH. It may not be reproduced or given to third parties without its consent. Only use the AVENTICS products shown in industrial applications. Read the product documentation completely and carefully before using the product. Observe the applicable regulations and laws of the respective country. When integrating the product into applications, note the system manufacturer's specifications for safe use of the product. The data specified only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgement and verification. It must be remembered that the products are subject to a natural process of wear and aging.

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