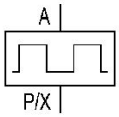
Pneumatic pulse generator

0820215115

2023-10-11

Pneumatic pulse generator



Technical data

Industry	Industrial
Max. time deviation	-15%
Medium	Compressed air
Max. particle size	40 µm
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Min. medium temperature	0 °C
Max. medium temperature	60 °C
Min. oil content of compressed air	0 mg/m³
Max. oil content of compressed air	0.1 mg/m³
Compressed air connection input	M5
Nominal flow Qn	50 l/min
Min. working pressure	2 bar
Max. working pressure	6 bar
Min. control pressure	2 bar
Max. control pressure	6 bar
Pulse spacing	1 s
runtime error	±2,0
Weight	0.177 kg

Part No.	0820215115

Technical information

Notice: This product may only be operated with oil-free, dry compressed air.

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

The max. time deviation applies to the first time unit.

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 less than 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).

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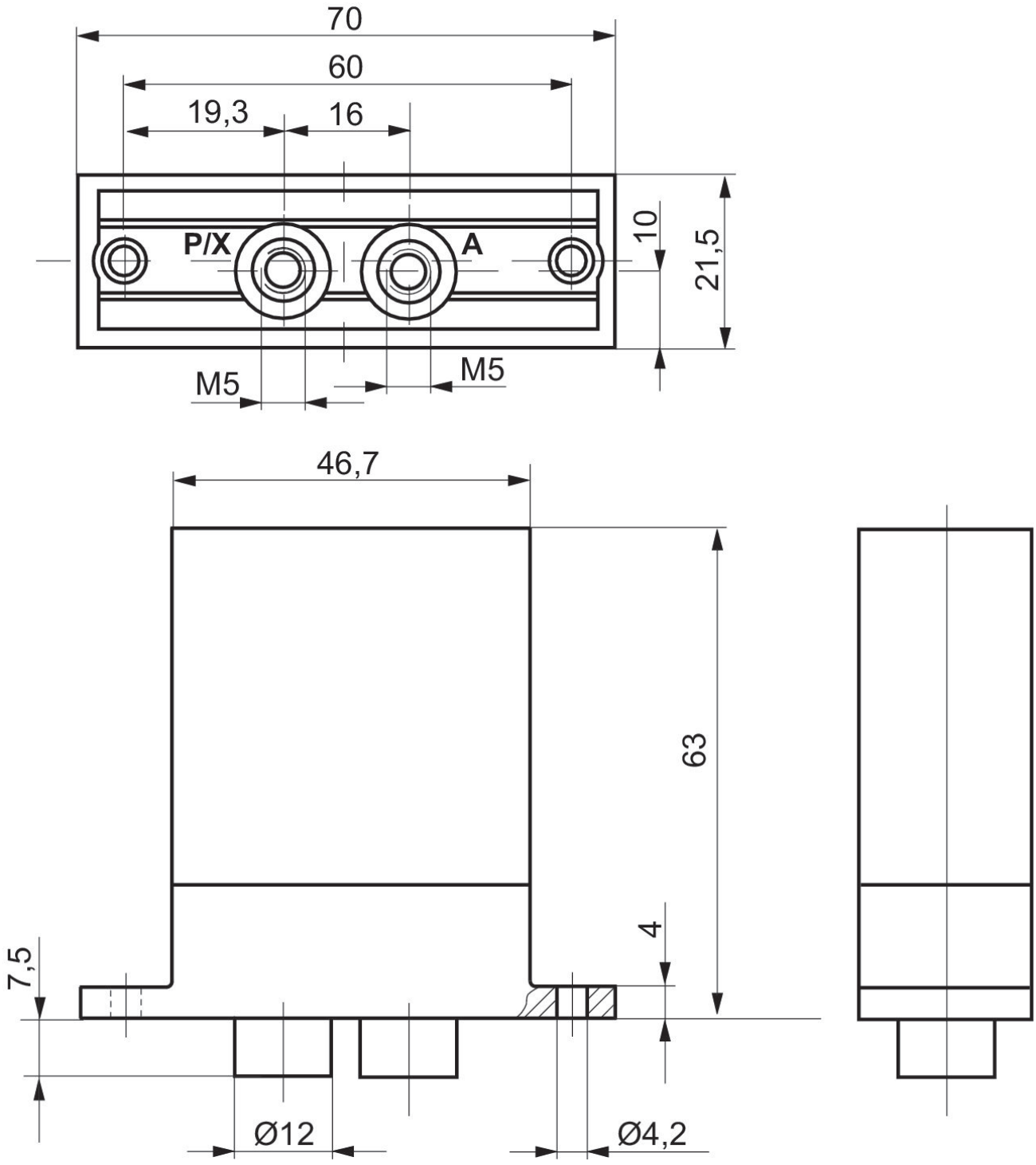
Dimensions



P/X = Input
A = connection output

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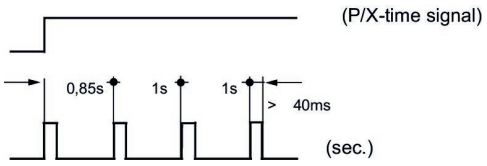
Function sequence



P/X time signal = P/X time signal
sec. = pulse duration 1 second
When air is supplied to the P/X inlet, the pulse generator starts up and starts sending one compressed air pulse per second or per minute.