Pneumatic presetting counter (add)

- 5-digit 3 digits
- Compressed air connection input M5 Ø 4
- Compressed air connection output M5 Ø 4

Logic function	Pneumatic/mechanic counter, adding with fixed pre-selection
Mounting orientation	Any
Working pressure min./max.	2 ... 8 bar
Ambient temperature min./max.	0 ... 60 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	40 µm
Oil content of compressed air	0 ... 1 mg/m³
Weight	See table below

Technical data

Part No.			Display	Return
0821304008		NC	5-digit	Pneumatic > 2 bar Manually via a button
0821304009		NC	5-digit	Pneumatic > 2 bar Manually via a button
0821304014		NC	3 digits	Pneumatic > 2 bar Manually via a button
0821304015		NC	3 digits	Pneumatic > 2 bar Manually via a button
0821304016		NC	5-digit	Automatic Manually via a button
0821304017		NC	5-digit	Automatic Manually via a button

Part No.	Compressed air connection	Compressed air connection	Pulse duration	
	Input	Output	Counting	Return
0821304008	M5	M5	> 8 ms	> 180 ms
0821304009	Ø 4	Ø 4	> 8 ms	> 180 ms
0821304014	M5	M5	> 8 ms	> 180 ms
0821304015	Ø 4	Ø 4	> 8 ms	> 180 ms
0821304016	M5	M5	> 8 ms	> 180 ms
0821304017	Ø 4	Ø 4	> 8 ms	> 180 ms

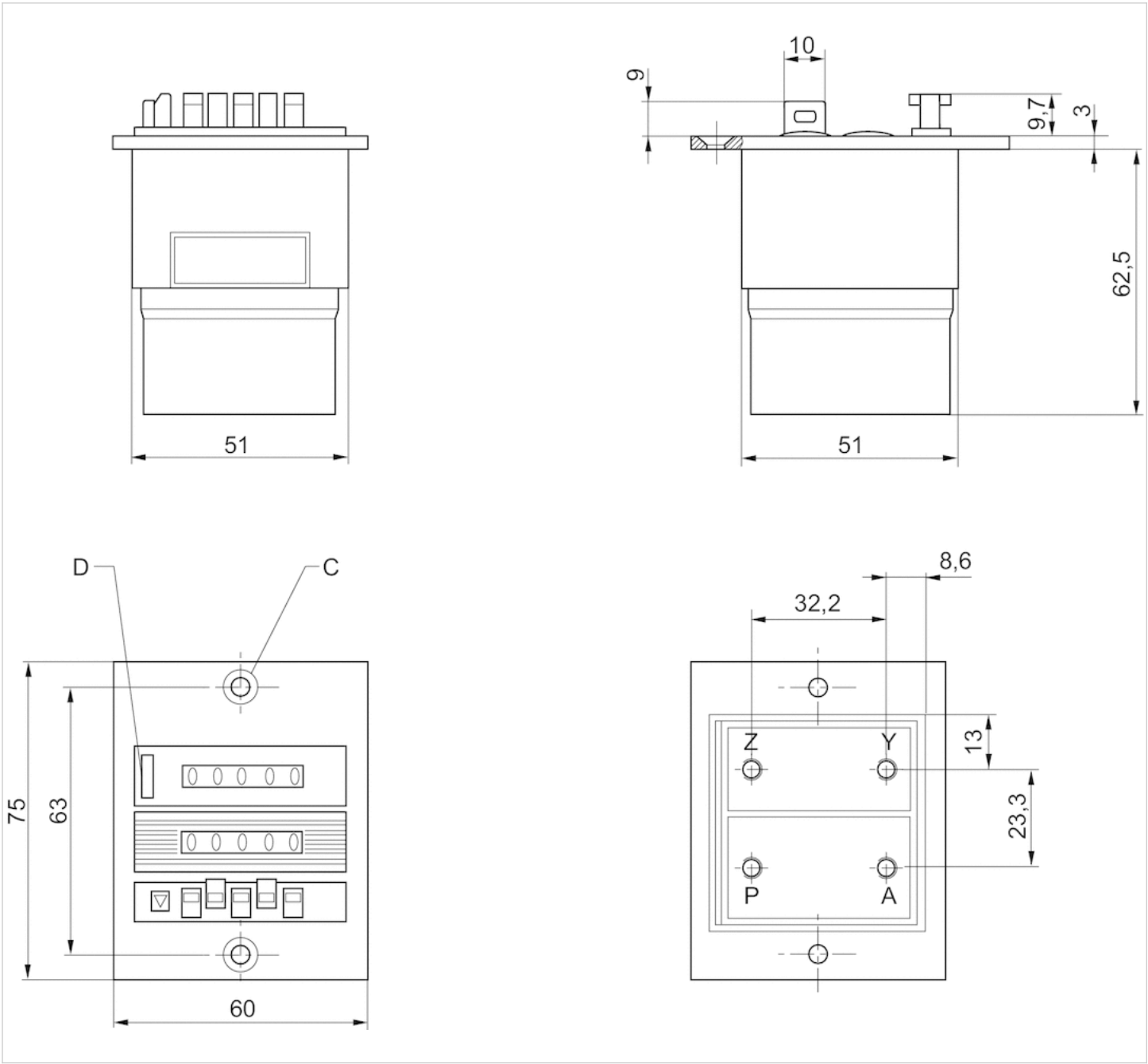
Part No.	Pause duration		Weight	Fig.
	Counting	Return		
0821304008	> 10 ms	> 50 ms	0,16 kg	Fig. 1
0821304009	> 10 ms	> 50 ms	0,16 kg	Fig. 1
0821304014	> 10 ms	> 50 ms	0,16 kg	Fig. 2
0821304015	> 10 ms	> 50 ms	0,16 kg	Fig. 2
0821304016	> 10 ms	> 50 ms	0,19 kg	Fig. 3
0821304017	> 10 ms	> 50 ms	0,19 kg	Fig. 3

Technical information

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

Dimensions

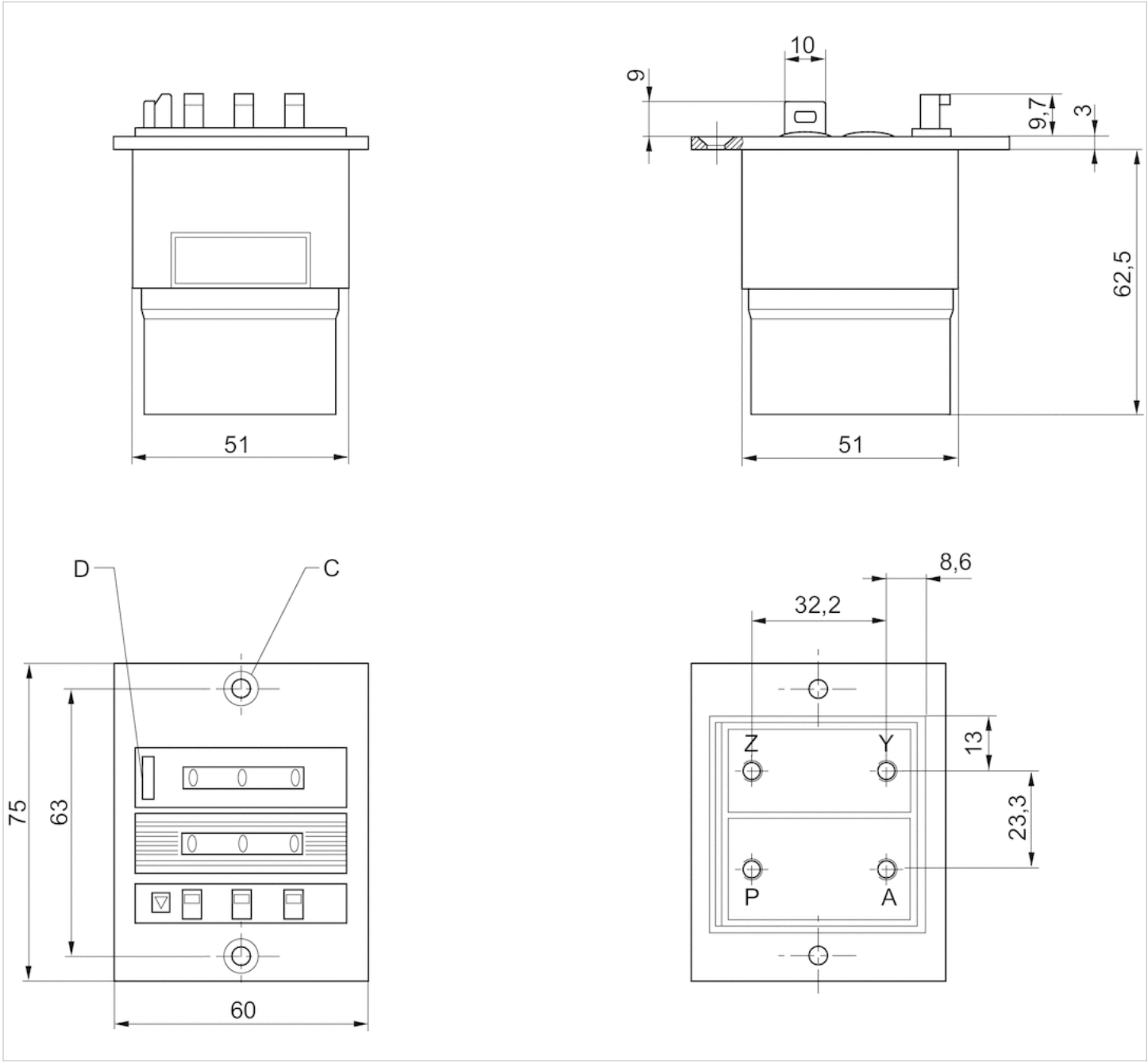
Fig. 1



P (1) = compressed air connection
Z = counting signal
Y = return signal
A (2) = output signal
C = countersink DIN 74-Af4
D = reset key
Included in the delivery contents:
2 oval head countersunk screws DIN 966 St M4 x 16
2 spring rings A4 DIN 124

2 hexagonal nuts M4 DIN 934

Fig. 2



P (1) = compressed air connection
Z = counting signal
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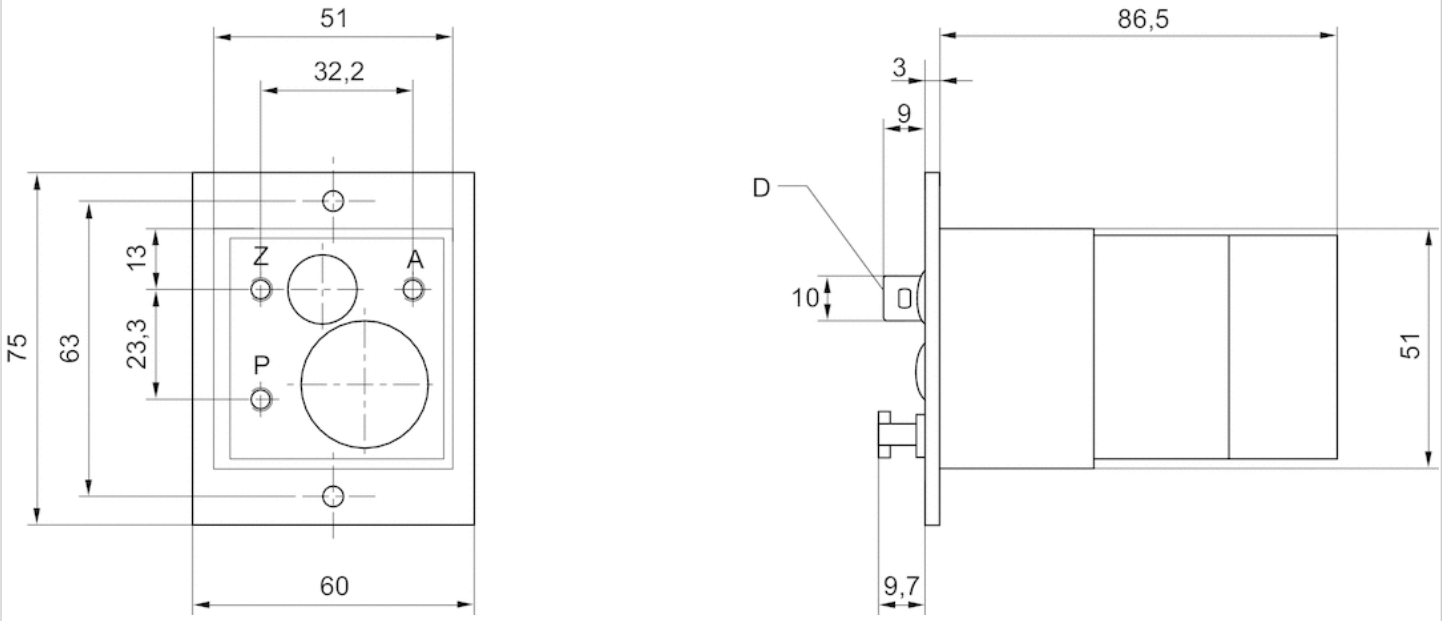
C = countersink DIN 74-Af4
D = reset key
Included in the delivery contents:
2 oval head countersunk screws DIN 966 St M4 x 16
2 spring rings A4 DIN 124
2 hexagonal nuts M4 DIN 934

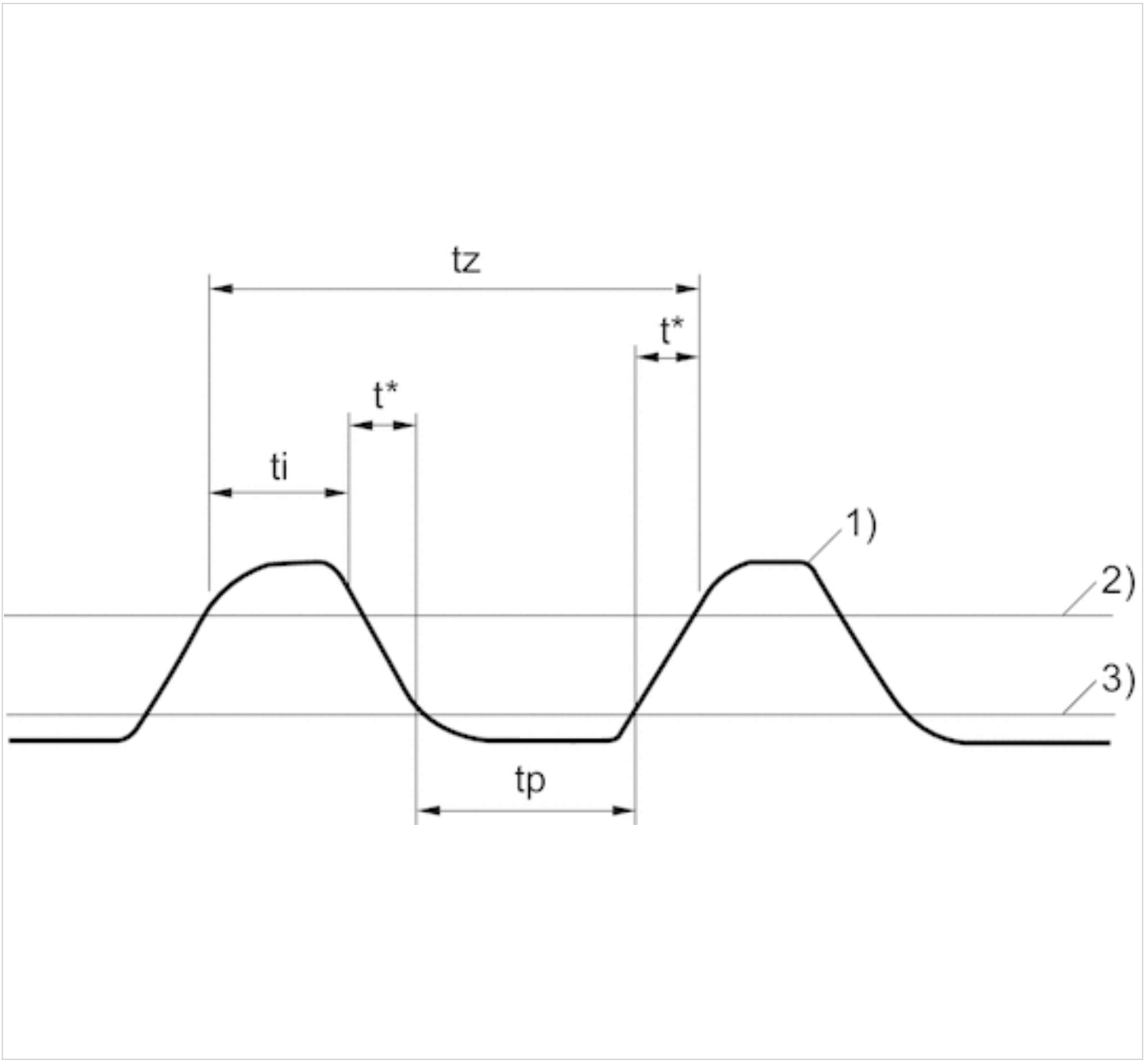
Fig. 3



P (1) = compressed air connection
Z = counting signal
A (2) = output signal
D = reset key
Included in the delivery contents:
2 oval head countersunk screws DIN 966 St M4 x 16
2 spring rings A4 DIN 127
2 hexagonal nuts M4 DIN 934

Diagrams

Counting frequency



1) Counting impulse
2) Response pressure - 0.8
3) Release pressure - 0.15 bar
ti = min. pulse duration
tp = min. pause duration
tz = time for counting pulse = ti + tp + 2t*
t* = dependent on pressure and pipe length (values must be determined)

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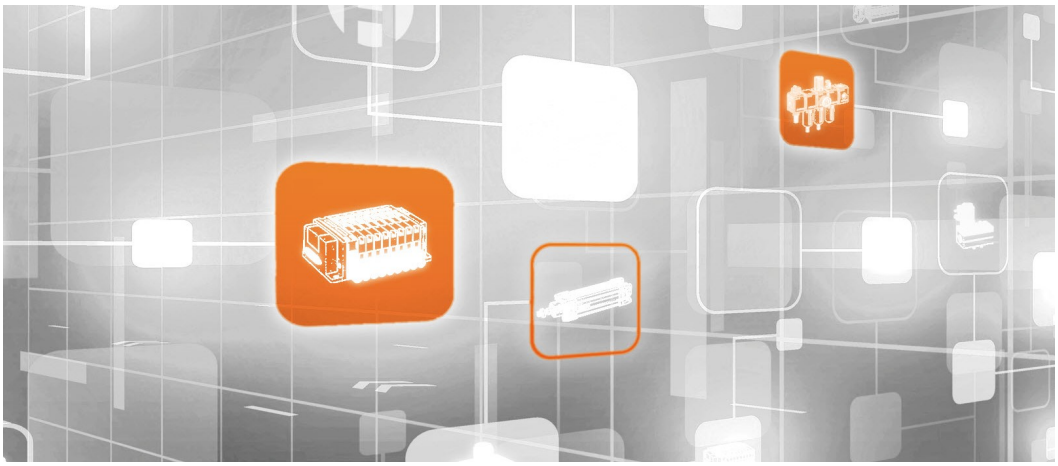

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