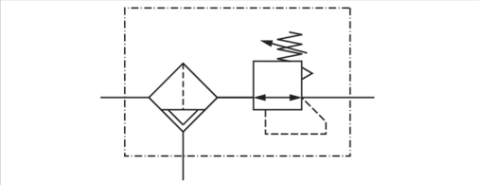
Filter pressure regulator, Series AS1-FRE-...-E11

- G 1/4
- Air supply left
- filter porosity 5 µm
- lockable
- with E11 locking



Type	1-part, Can be assembled into blocks
Parts	Filter pressure regulator
Mounting orientation	vertical
Working pressure min./max.	1,5 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Nominal flow Qn	1000 l/min
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0,5 ... 8 bar
Pressure supply	single
Filter reservoir volume	16 cm³
Filter element	exchangeable
Condensate drain	fully automatic, closed without pressure
Weight	0,256 kg

Technical data

Part No.	Port	filter porosity	Flow Qn	Condensate drain
R412010650	G 1/4	5 µm	1000 l/min	fully automatic, closed without pressure

Part No.	Max. pressure gauge Ø in blocked state
R412010650	40 mm

Order pressure gauge separately, Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information". Also suitable for separation of fluid oil or water due to the design.
The rear pressure gauge connection on the pressure regulator is closed with a blanking plug, the front connection is open. Depending on the customer application, a second blanking plug may be necessary. Please order separately (see accessories).
The E11 locking is delivered without a key (see accessories for keys R961403407).

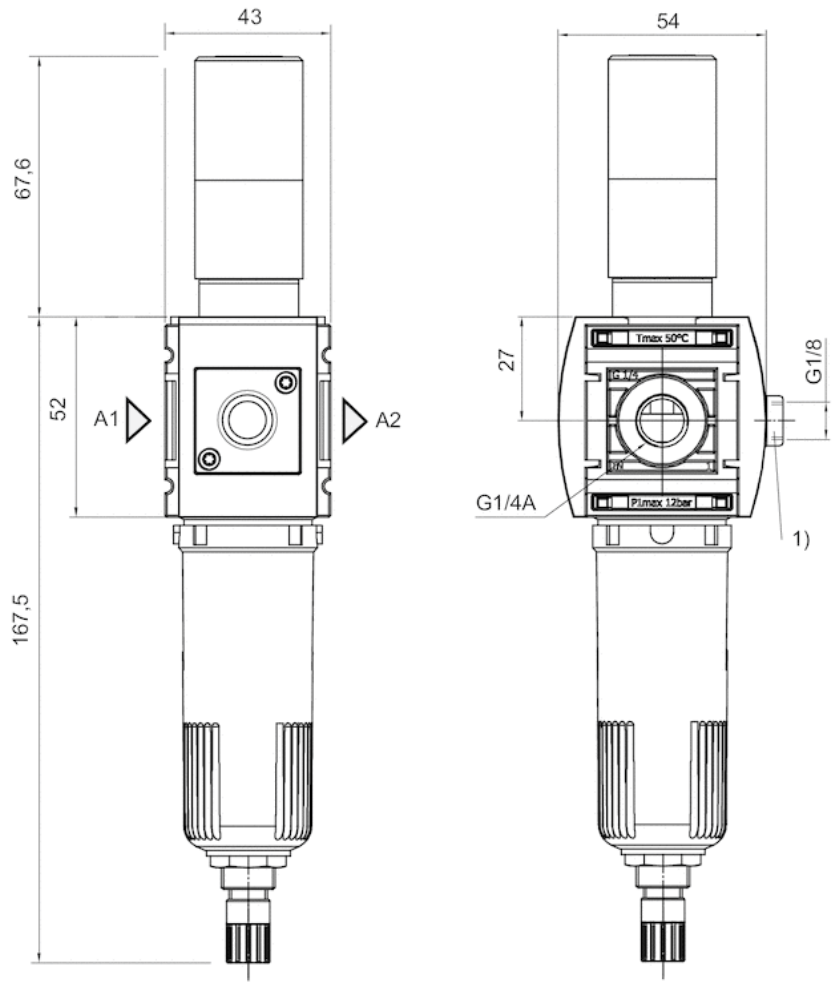
Max. achievable compressed air class acc. to ISO 8573-1:2010 6 : 7 : -

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate
Filter insert	Cellpor

Dimensions

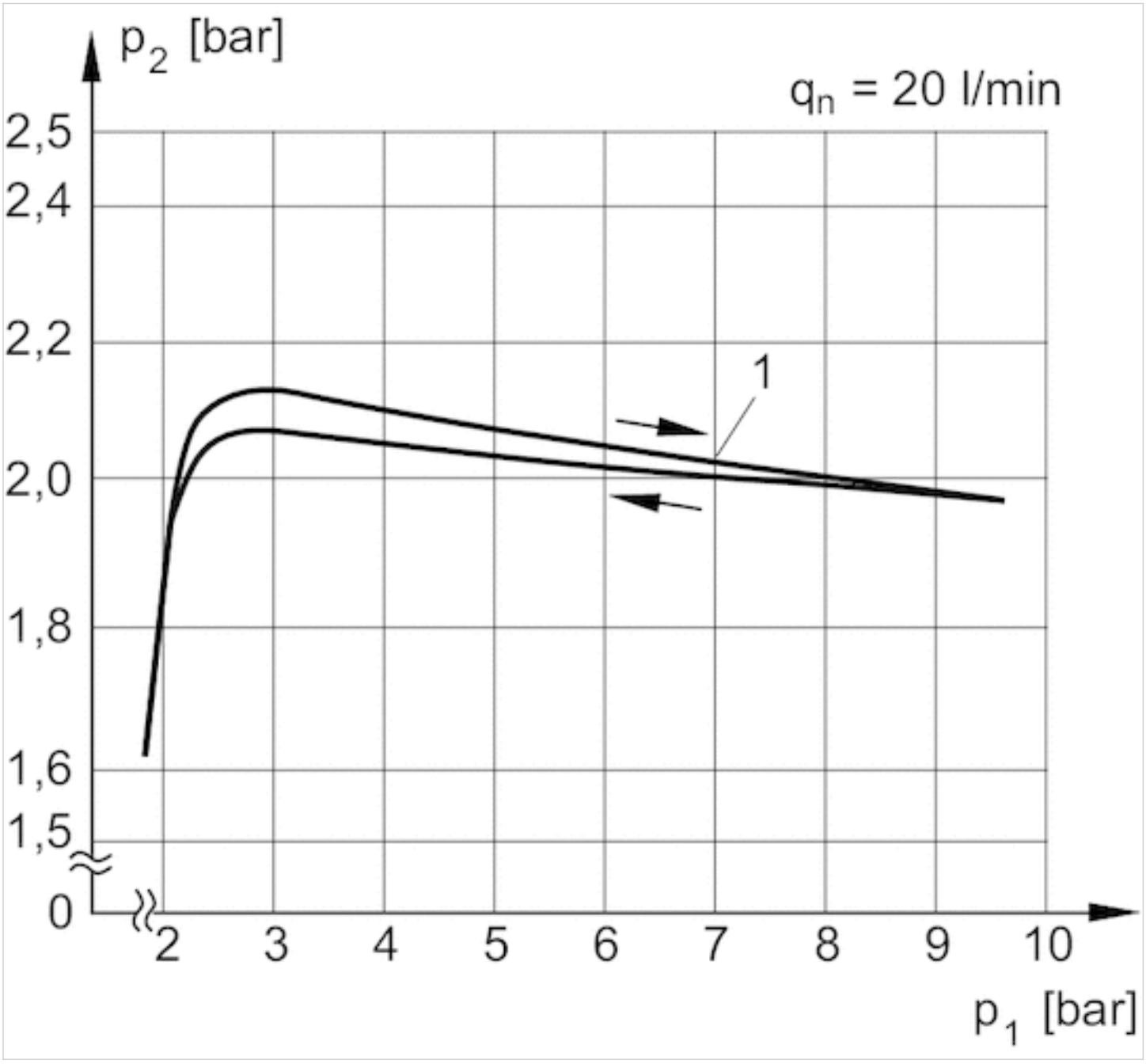
Dimensions



A1 = input
A2 = output
1) Adapter
Order pressure gauge separately

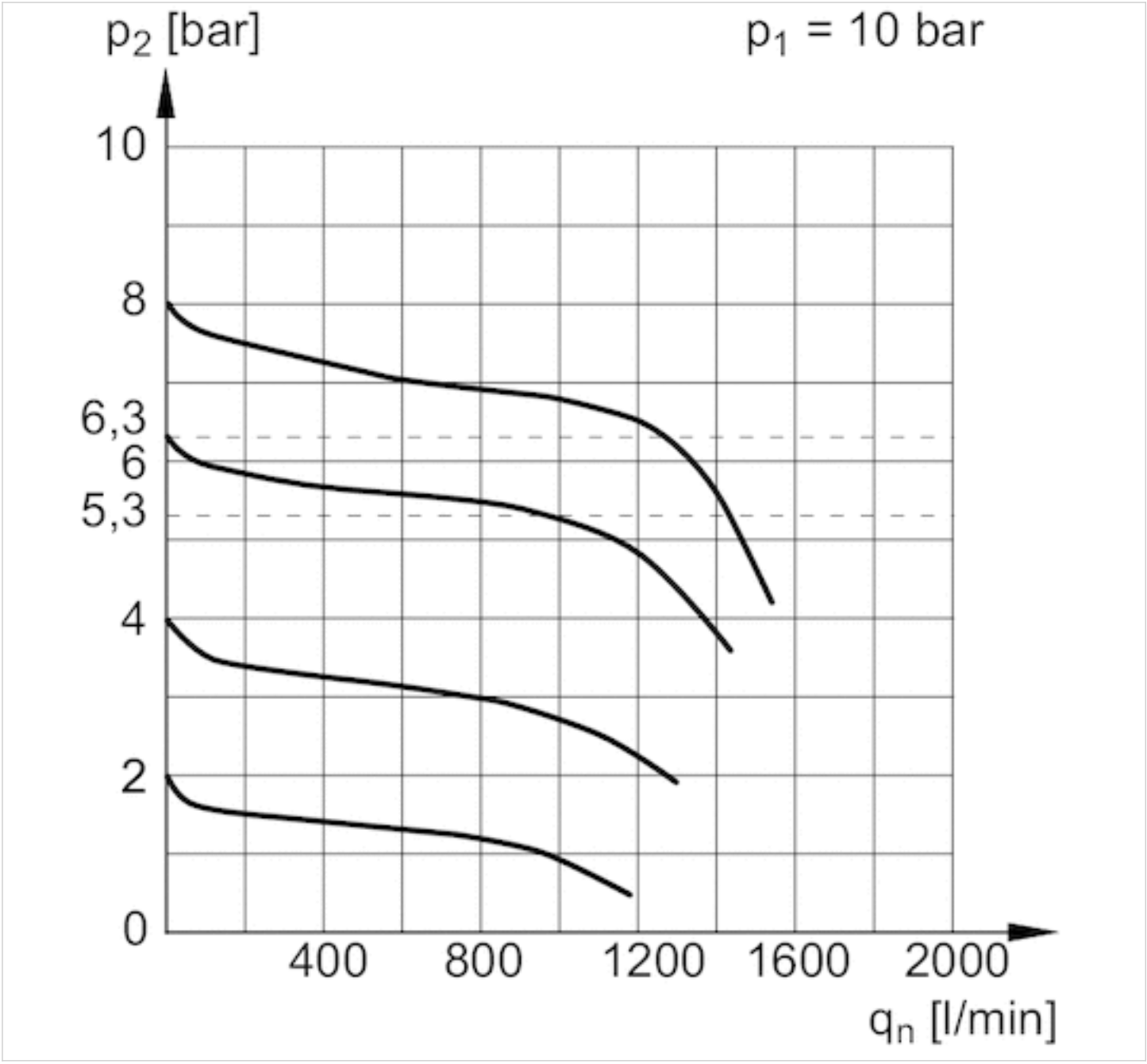
Diagrams

Pressure characteristics curve



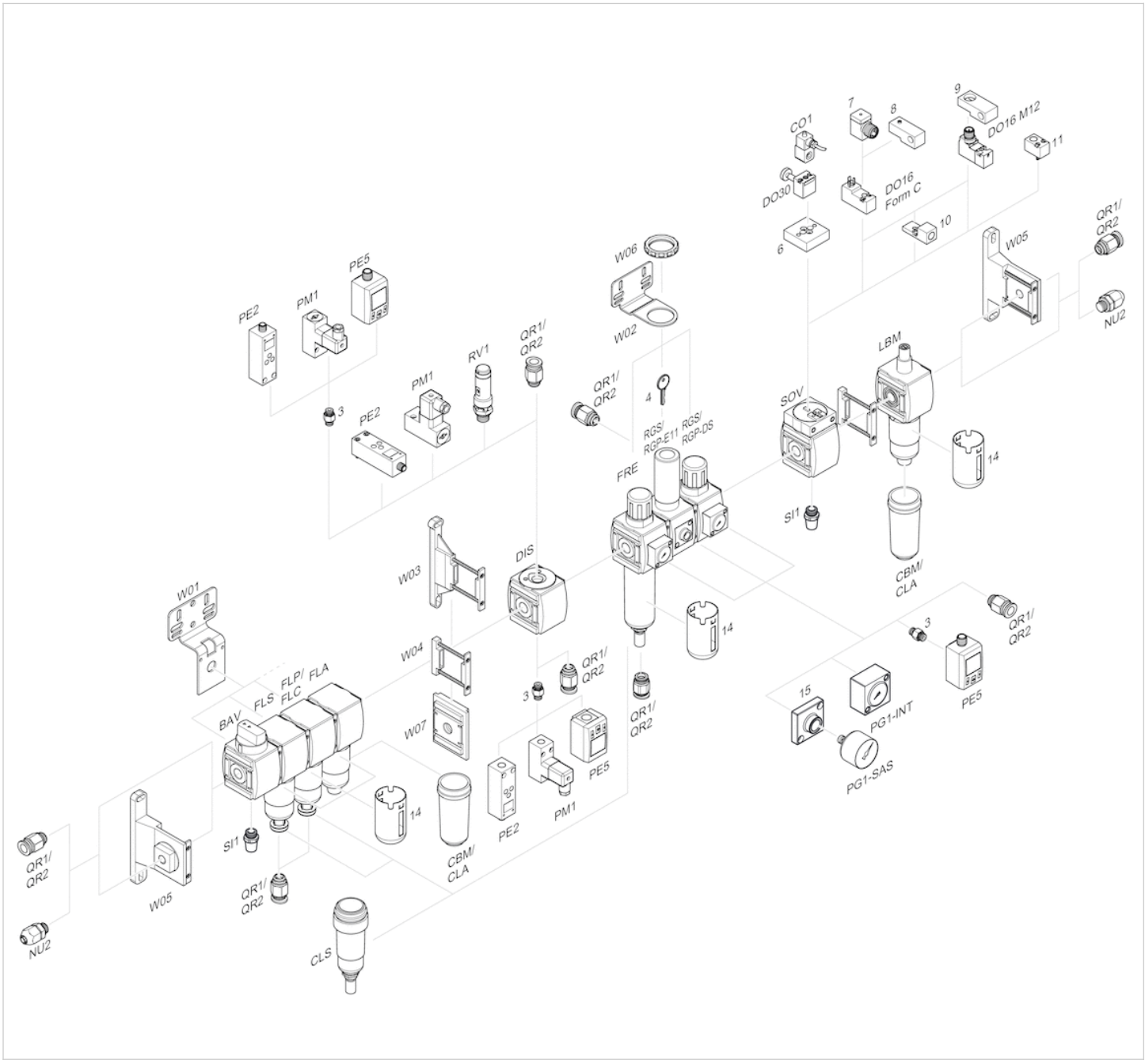
p1 = working pressure
p2 = secondary pressure
qn = nominal flow
1) = Starting point

Flow rate characteristic



p1 = working pressure
p2 = secondary pressure
qn = nominal flow

Accessories overview



3 = Double nipple
4 = Key for E11 locking
6 = Transition plate DO30
7 = Adapter, Series CON-VP
8 = Mounting aid DO16, form C
9 = Mounting aid DO16, M12
10 = Adapter for external pilot air
11 = Adapter pneumatic operation
14 = Protective guard
15 = Transition plate for assembling a pressure gauge with connection thread G 1/8

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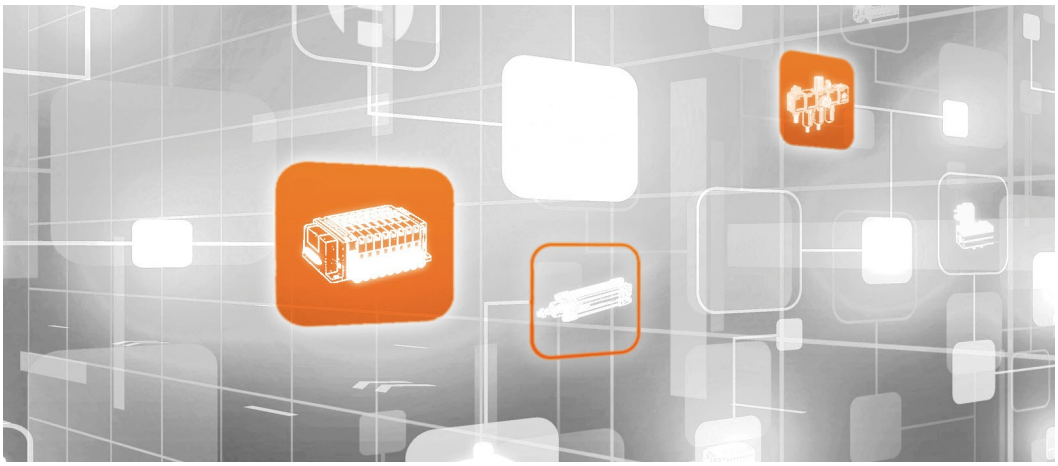

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