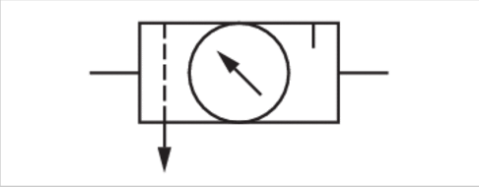
# Air preparation unit, 2-part, Series AS1-ACD

- G 1/4
- Air supply left
- filter porosity 5 µm
- With integrated pressure gauge



| | |
|---|---|
| Type | 2-part, Can be assembled into blocks |
| Parts | Filter pressure regulator, Lubricator |
| 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 | 700 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 |
| Lubricator reservoir volume | 35 cm³ |
| Type of filling | Manual oil filling |
| Weight | See table below |

## Technical data

| Part No. | Port | filter porosity | Flow | Condensate drain |
|---|---|---|---|---|
| | | | Qn | |
| R412014672 | G 1/4 | 5 µm | 700 l/min | semi-automatic, open without pressure |
| R412014673 | G 1/4 | 5 µm | 700 l/min | fully automatic, open without pressure |

| Part No. | Pressure gauge | Weight |
|---|---|---|
| R412014672 | With integrated pressure gauge | 0,504 kg |
| R412014673 | With integrated pressure gauge | 0,522 kg |

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.

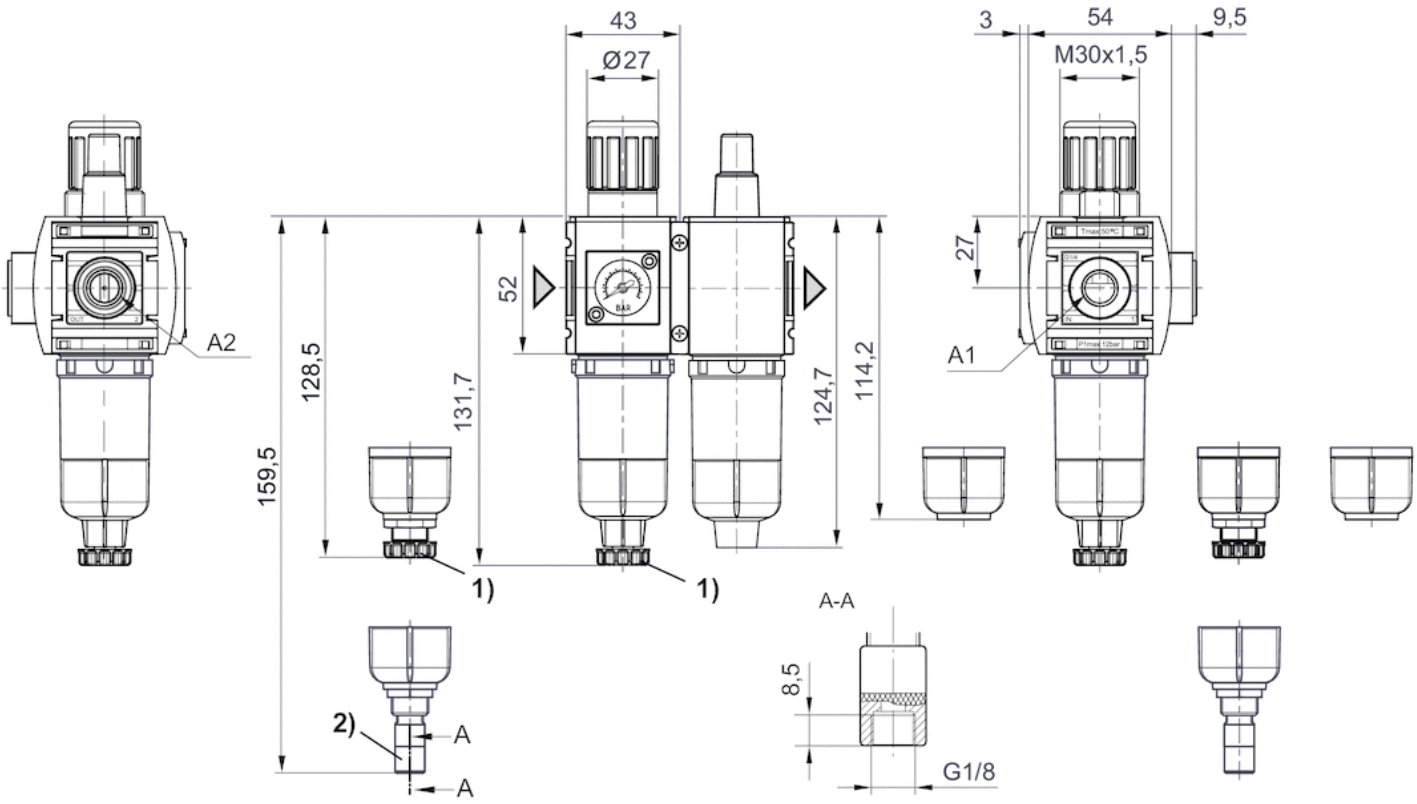
Max. achievable compressed air class acc. to ISO 8573-1:2010 6 : 7 : -

## Technical information

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

# Dimensions

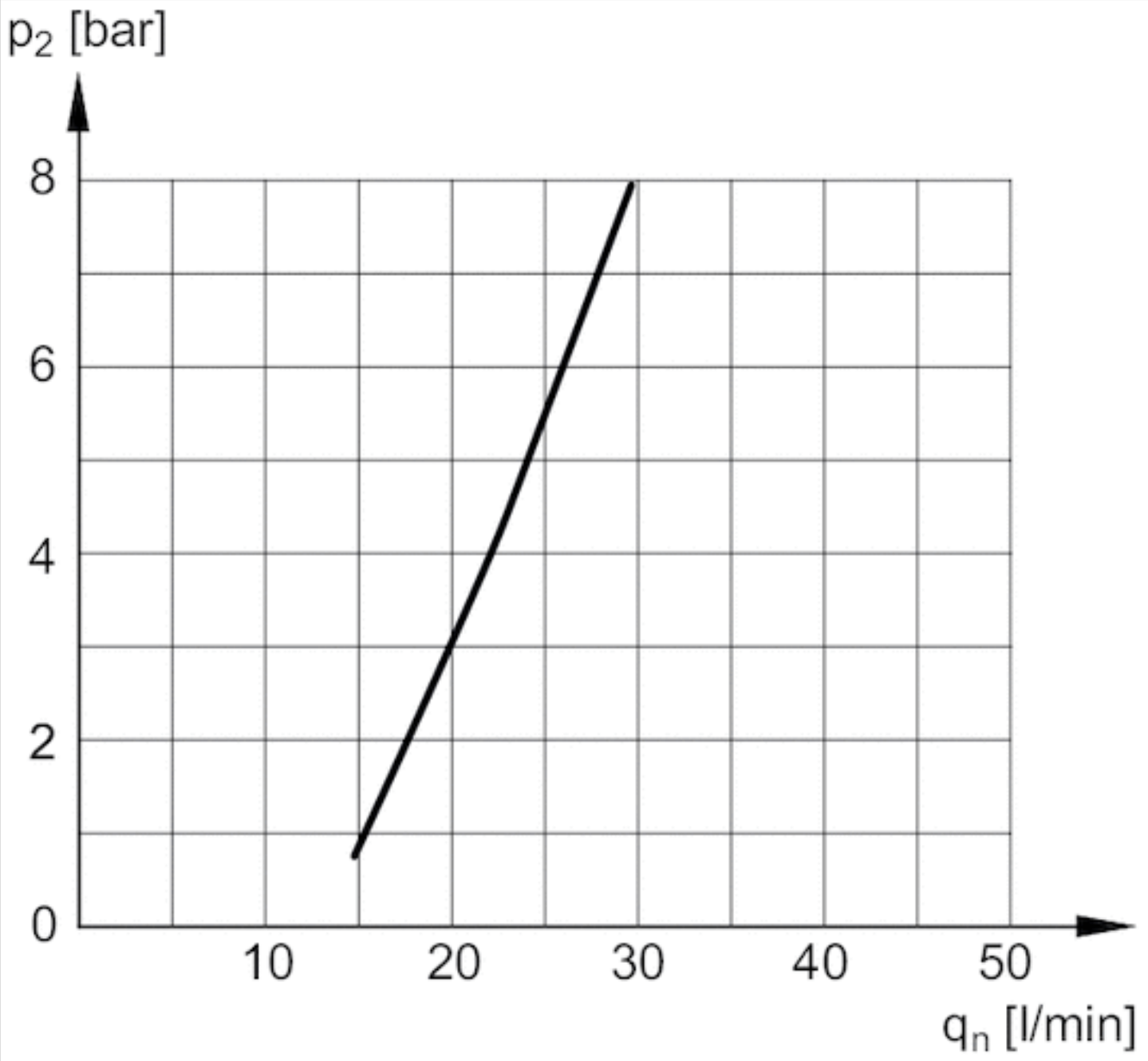
## Dimensions




A1 = input
A2 = output
1) Semi-automatic condensate drain
2) Fully automatic condensate drain

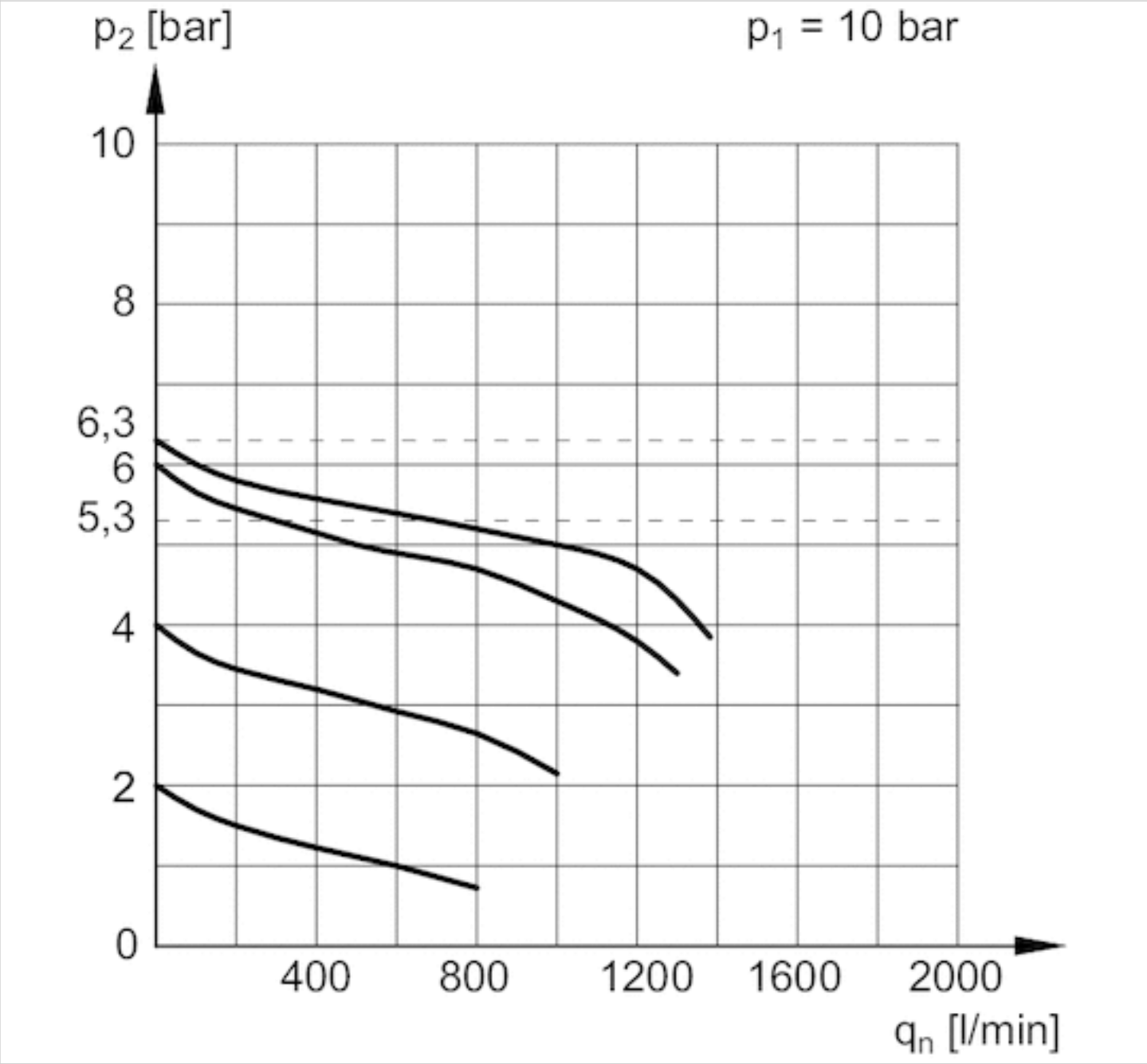
## Diagrams

### Lubricator activation margin



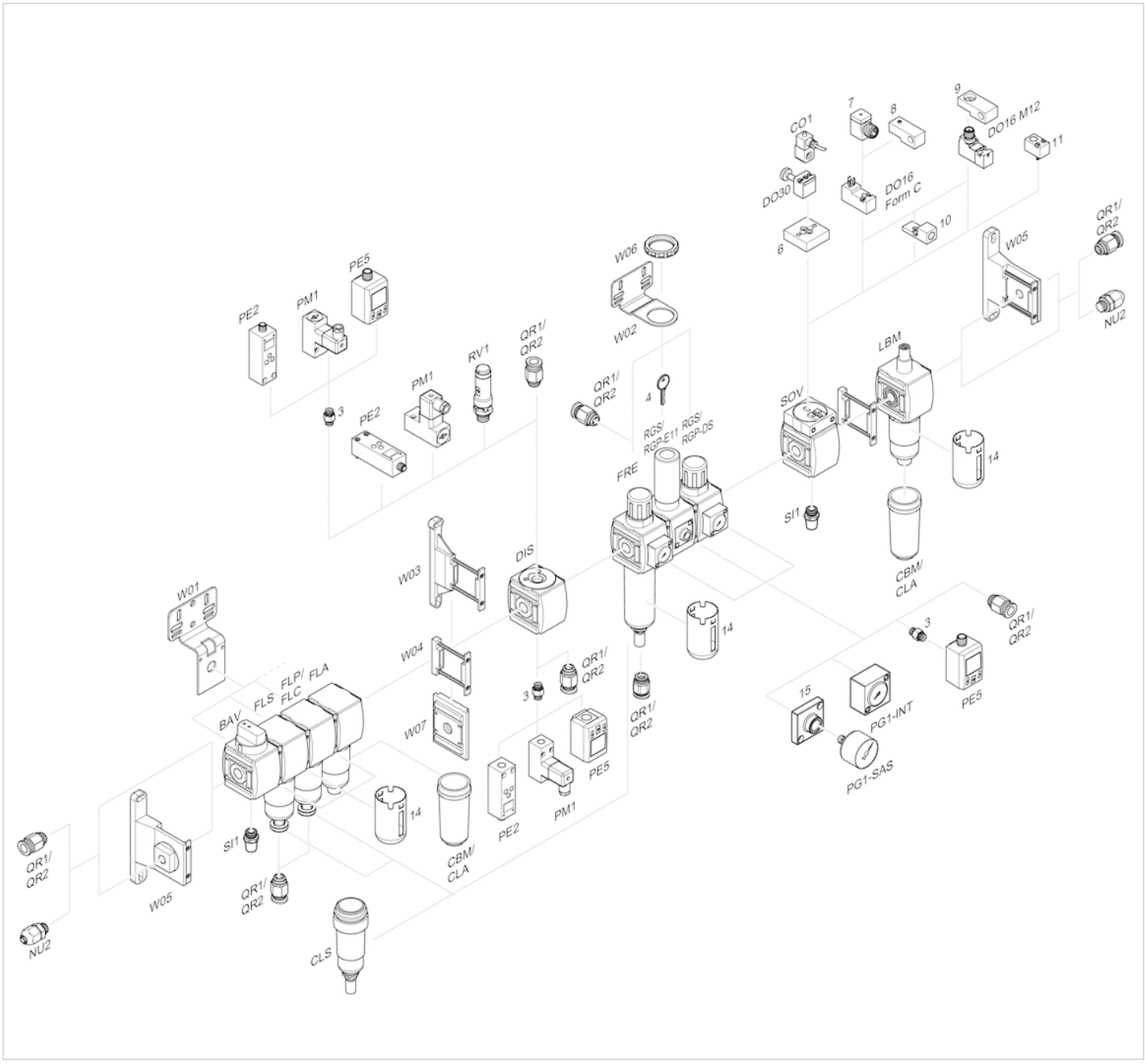

p2 = secondary pressure
qn = nominal flow

## 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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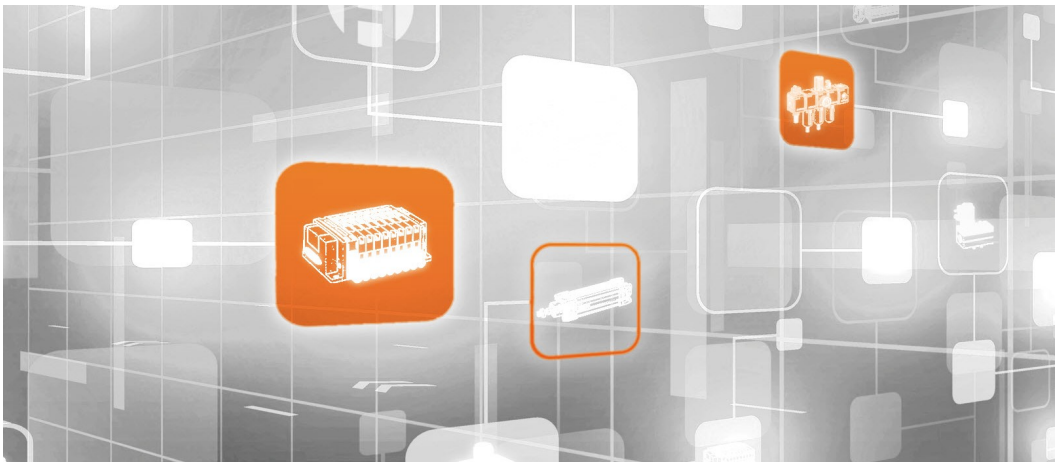

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2020-12

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