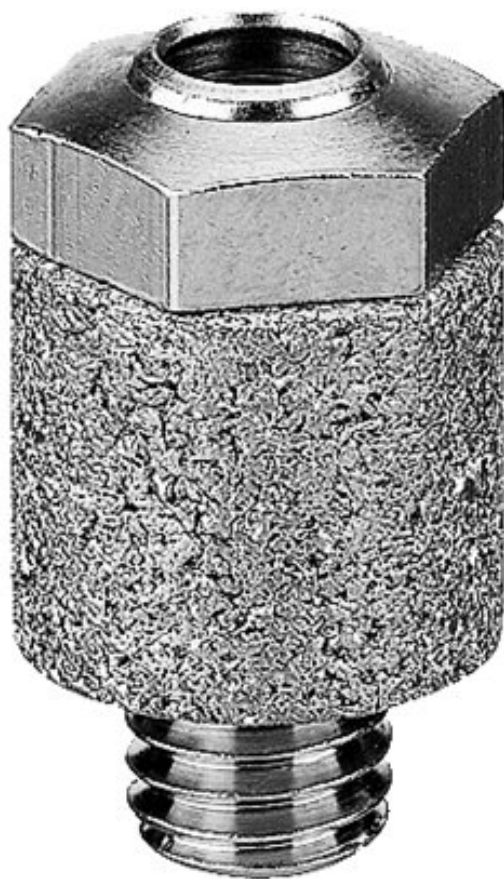


## Serie CH02



AVENTICS™ Serie CH02

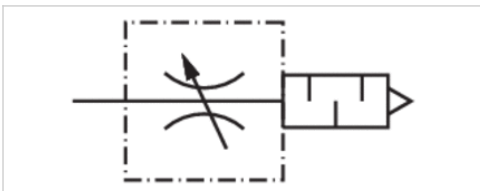
  
EMERSON

# Drosselventil, Serie CH02

- Qn = 200-4100 l/min
- Drosselventil mit Schalldämpfer
- Außengewinde



Betriebsdruck min./max.	0 ... 10 bar
Umgebungstemperatur min./max.	-25 ... 80 °C
Mediumstemperatur min./max.	-25 ... 80 °C
Medium	Druckluft
Gewicht	Siehe Tabelle unten



## Technische Daten

Materialnummer	Anschluss 1	Durchfluss	Anzugsmoment für Schalldämpfer	Gewicht
		Qn	max.	
0821201101	M5	200 l/min	1 Nm	0,005 kg
0821201102	G 1/8	700 l/min	3 Nm	0,025 kg
0821201103	G 1/4	1700 l/min	8 Nm	0,045 kg
0821201104	G 3/8	3100 l/min	13 Nm	0,08 kg
0821201105	G 1/2	4100 l/min	16 Nm	0,135 kg

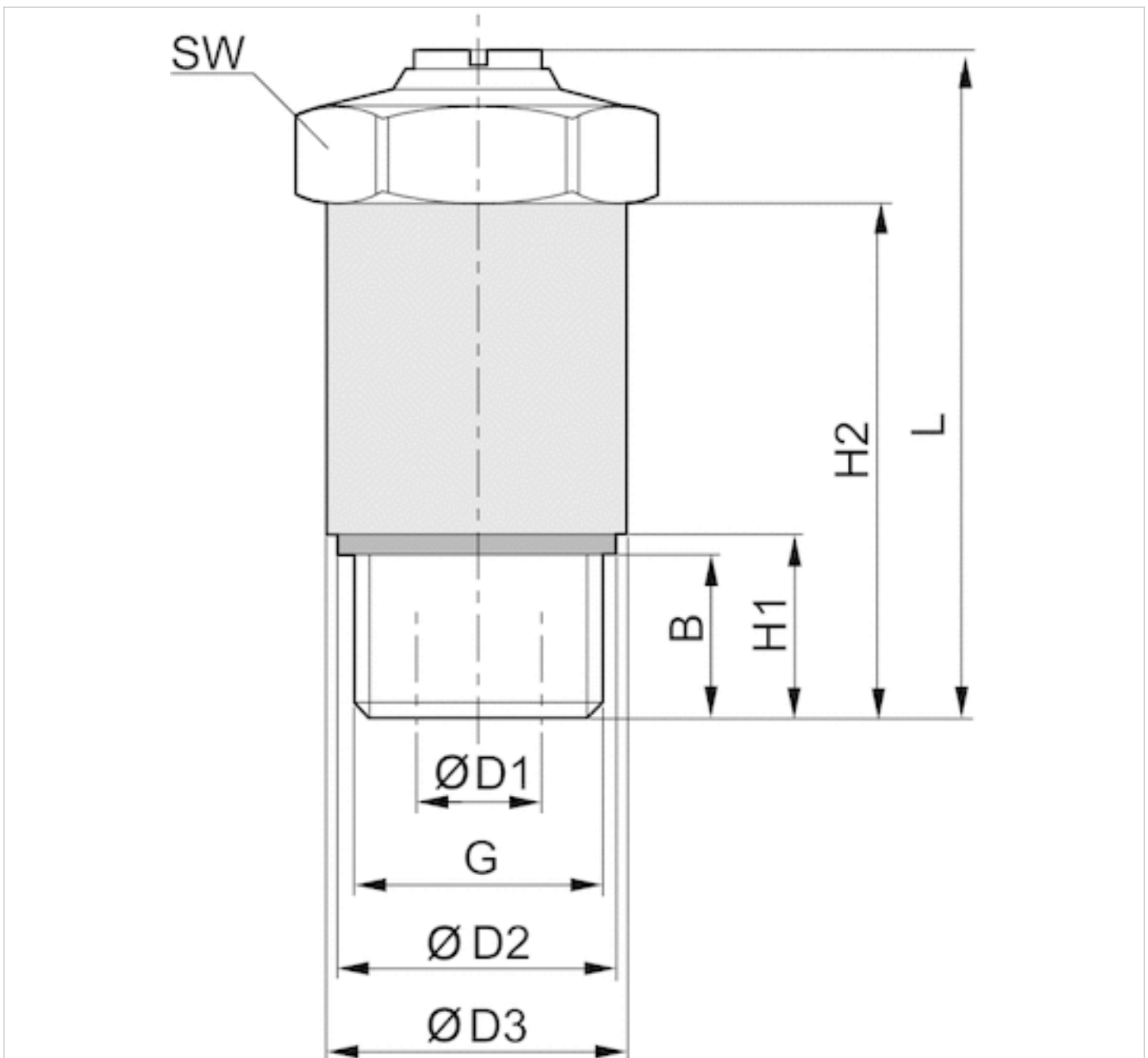
Nenndurchfluss Qn bei 6 bar und  $\Delta p = 1$  bar

## Technische Informationen

Werkstoff	
Gehäuse	Messing, verzinkt
Dichtungen	Acrylnitril-Butadien-Kautschuk
Schalldämpfer	Nichtrostender Stahl

## Abmessungen

## Abmessungen



## Abmessungen

Materialnummer	Anschluss G	Ø D1	Ø D2	Ø D3	H1	H2	B	L 1)	SW
0821201101	M5	2	7.7	9	3.8	12	12	16.6	8
0821201102	G 1/8	4	13	16	7	24	5.5	31.5	13
0821201103	G 1/4	6.5	17.9	20	10	30	8	37.5	17
0821201104	G 3/8	8.5	21.8	25	10	35	8	45	19
0821201105	G 1/2	12	26.5	30	12	42	10	52	24

1) Max.

# Drosselventil, Serie CH02

- Qn = 475-3000 l/min
- Einschraubdrossel
- Außengewinde



Betriebsdruck min./max.	0 ... 16 bar
Umgebungstemperatur min./max.	0 ... 100 °C
Mediumstemperatur min./max.	0 ... 100 °C
Medium	Druckluft
Gewicht	Siehe Tabelle unten



## Technische Daten

Materialnummer	Anschluss 1	Durchfluss	Gewicht
		Qn	
0821201001	G 1/8	475 l/min	0,035 kg
0821201002	G 1/4	750 l/min	0,045 kg
0821201003	G 1/2	3000 l/min	0,17 kg

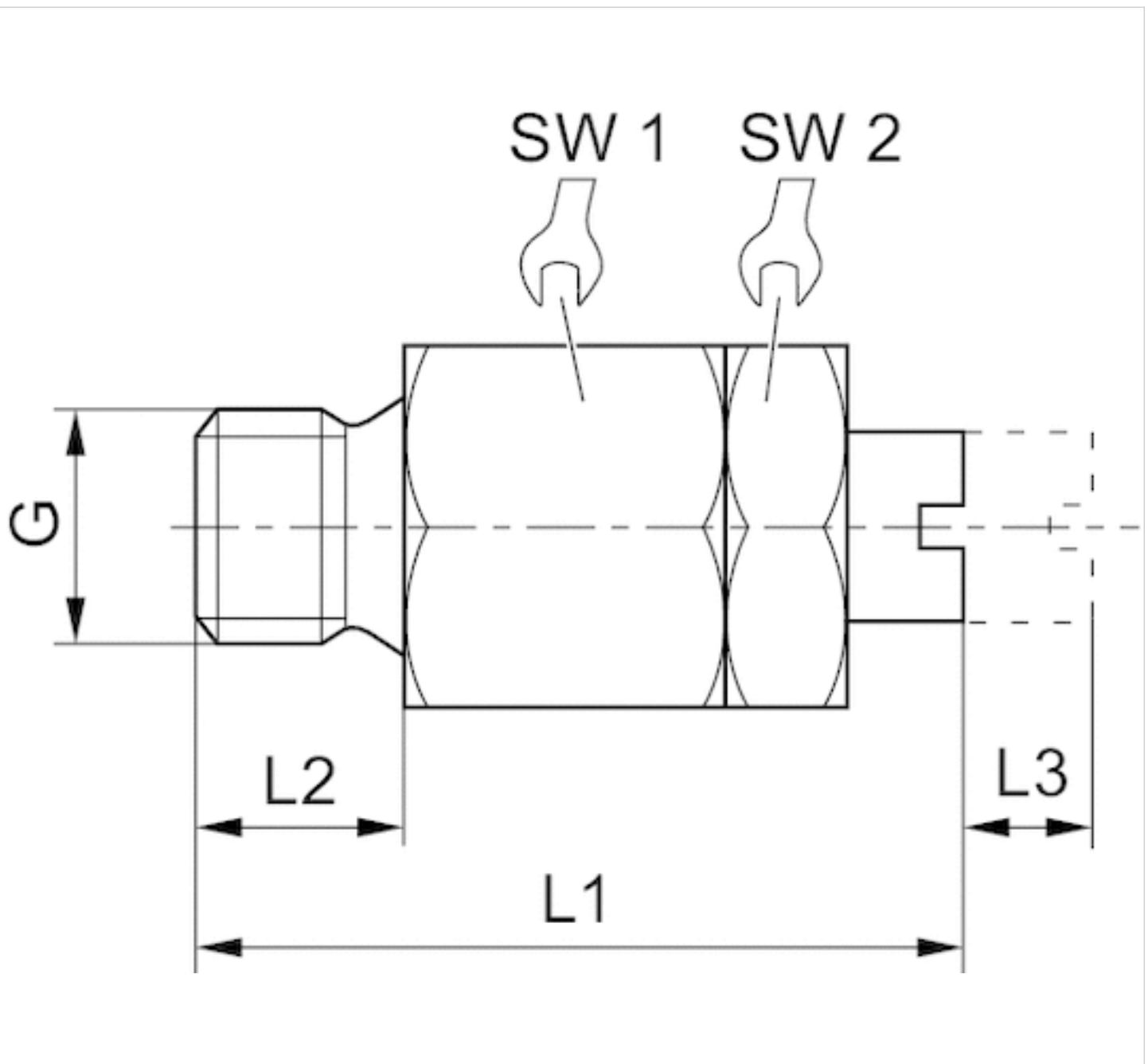
Nenndurchfluss Qn bei 6 bar und  $\Delta p = 1$  bar

## Technische Informationen

Werkstoff	
Gehäuse	Messing, verzinkt

## Abmessungen

## Abmessungen



## Abmessungen

Materialnummer	Anschluss G	L1	L2	L3	SW1	SW2
0821201001	G 1/8	34	8	5	13	13
0821201002	G 1/4	33	8	6.5	17	14
0821201003	G 1/2	50	10	8	27	22

# Drosselventil, Serie CH02

- Qn = 1300 l/min

- Drosselventil mit Schalldämpfer



Betriebsdruck min./max.

0 ... 10 bar

Umgebungstemperatur min./max.

-25 ... 60 °C

Gewicht

0,06 kg

## Technische Daten

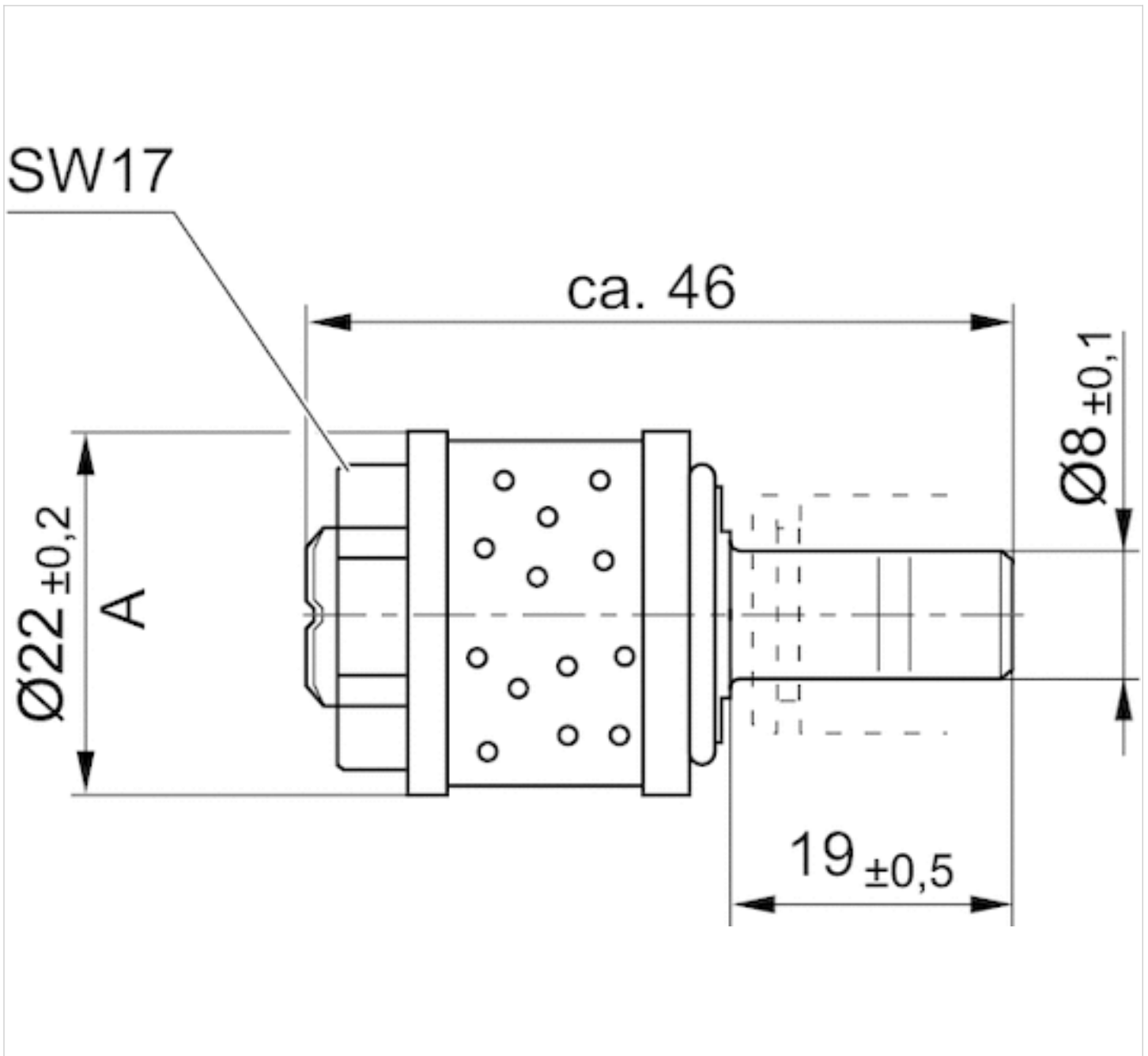
Materialnummer	Anschluss 1	Durchfluss
		Qn
3341052010	Ø 8	1300 l/min

## Technische Informationen

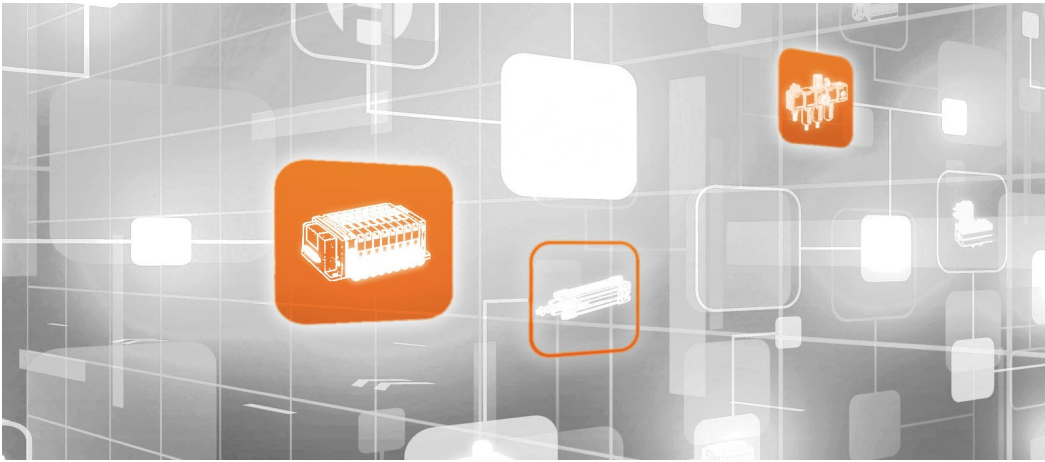
Werkstoff	
Gehäuse	Messing, verzinkt
Dichtungen	Acrylnitril-Butadien-Kautschuk
Schalldämpfer	Polyethylen

Abmessungen

Abmessungen



# Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



Visit us: [Emerson.com/Aventics](https://www.emerson.com/Aventics)

Your local contact: [Emerson.com/contactus](https://www.emerson.com/contactus)



[Emerson.com](https://www.emerson.com)



[Facebook.com/EmersonAutomationSolutions](https://www.facebook.com/EmersonAutomationSolutions)



[LinkedIn.com/company/Emerson-Automation-Solutions](https://www.linkedin.com/company/Emerson-Automation-Solutions)



[Twitter.com/EMR\\_Automation](https://twitter.com/EMR_Automation)

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.

The Emerson logo is a trademark and service mark of Emerson Electric Co. Brand logotype are registered trademarks of one of the Emerson family of companies. All other marks are the property of their respective owners. © 2020 Emerson Electric Co. All rights reserved.  
2020-12



**CONSIDER IT SOLVED™**