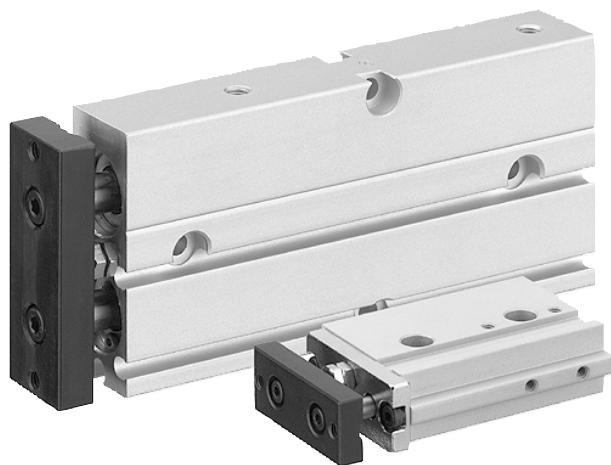


Piston rod cylinders ▶ Double piston cylinder

Series TWC

Brochure



Piston rod cylinders ▶ Double piston cylinder

Series TWC

	Double piston cylinder, Series TWC ▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic	3
	Double piston cylinder, Series TWC-HL ▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: retracted cylinder	10
	Double piston cylinder, Series TWC-RL ▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: extended cylinder	14

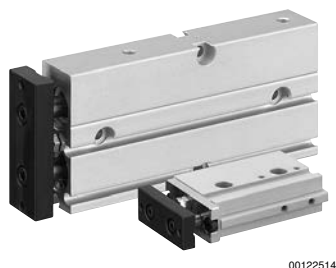
Accessories
Sensors and sensor mountings, accessories

	Sensor, Series SH4 ▶ with cable ▶ without wire end ferrule, tin-plated, 2-pin	18
	Sensor, Series SH4 ▶ with cable ▶ Plug, M8, 3-pin, with knurled screw, without wire end ferrule, tin-plated, 3-pin	19
	Sensor clamp ▶ For piston Ø 6 ▶ for Series SH4 ▶ to mount on cylinder TWC	20
	Connecting cable, Series CN2 ▶ Socket, M8, 3-pin, straight ▶ open cable ends, 3-pin	20
	Connecting cable, Series CN2 ▶ Socket, M8x1, 3-pin, angled ▶ open cable ends, 3-pin	22
	Socket, M8x1, Series CN2 ▶ Socket, M8x1, 3-pin	23
	Socket, M8x1, Series CN2 ▶ Socket, M8x1, 3-pin, angled	25

Piston rod cylinders ▶ Double piston cylinder

Double piston cylinder, Series TWC

▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic



00122514

Ambient temperature min./max.

Medium

Max. particle size

Oil content of compressed air

Pressure for determining piston forces

+0 °C / +60 °C

Compressed air

5 µm

0 mg/m³ - 1 mg/m³

6,3 bar

Materials:

Housing

Front plate

Seal

Guide bushing

Aluminum, anodized

Steel galvanized

Acrylonitrile Butadiene Rubber

Aluminum, anodized

See table for additional data on materials.

Technical Remarks

- The pressure dew point must be at least 15 °C under 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, see chapter „Technical information“.
- For piston Ø 6: Clamping piece for magnetic field sensor necessary
- Sensor mounting only for installation of piston Ø 6

Piston Ø	[mm]	2x6	2x10	2x16	2x20	2x25
Port		M5	M5	M5	M5	M5
Working pressure min./max.	[bar]	2 - 7	2 - 7	1.5 - 7	1.5 - 7	1.5 - 7
Retracting piston force	[N]	19	63	189	296	475
Extracting piston force	[N]	35	98	253	395	618
Speed max.	[m/s]	0.5	0.5	0.5	0.5	0.5
Max. retracted stroke setting	[mm]	-5	-5	-5	-5	-5
Cushioning energy max.	[J]	0.003	0.03	0.11	0.17	0.23
Weight	10 mm stroke [kg]	0.06	0.125	0.26	0.4	0.58
	+10 mm stroke [kg]	0.012	0.018	0.027	0.036	0.051
cushioning		-	elastic	elastic	elastic	elastic
Front cover		Aluminum anodized	Steel nickel-plated	Steel nickel-plated	Steel nickel-plated	Steel nickel-plated
End cover		Polyoxymethylene	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene	Polyoxymethylene
Piston rod		Stainless steel	Steel hardened	Steel hardened	Steel hardened	Steel hardened

Piston Ø	[mm]	2x32				
Port		G 1/8				
Working pressure min./max.	[bar]	1.5 - 7				
Retracting piston force	[N]	759				
Extracting piston force	[N]	1012				
Speed max.	[m/s]	0.5				
Max. retracted stroke setting	[mm]	-5				
Cushioning energy max.	[J]	0.28				
Weight	10 mm stroke [kg]	1380				
	+10 mm stroke [kg]	0.093				
cushioning		elastic				
Front cover		Steel nickel-plated				
End cover		Aluminum anodized				
Piston rod		Steel hardened				

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

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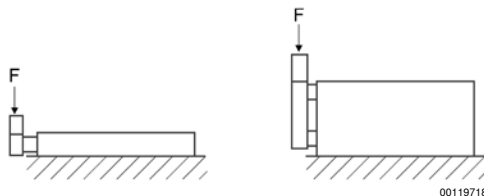
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Double piston cylinder, Series TWC

▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic

	Piston Ø Ports	6 M5	10 M5	16 M5	20 M5	25 M5
	Stroke 10	R402000794	R402000799	R402000806	R402000816	R402000826
	20	R402000795	R402000800	R402000807	R402000817	R402000827
	30	R402000796	R402000801	R402000808	R402000818	R402000828
	40	R402000797	R402000802	R402000809	R402000819	R402000829
	50	R402000798	R402000803	R402000810	R402000820	R402000830
	60	-	R402000804	R402000811	R402000821	R402000831
	70	-	R402000805	R402000812	R402000822	R402000832
	80	-	-	R402000813	R402000823	R402000833
	90	-	-	R402000814	R402000824	R402000834
	100	-	-	R402000815	R402000825	R402000835
	Piston Ø Ports	32 G 1/8				
	Stroke 10	R402000836				
	20	R402000837				
	30	R402000838				
	40	R402000839				
	50	R402000840				
	60	R402000841				
	70	R402000842				
	80	R402000843				
	90	R402000844				
	100	R402000845				

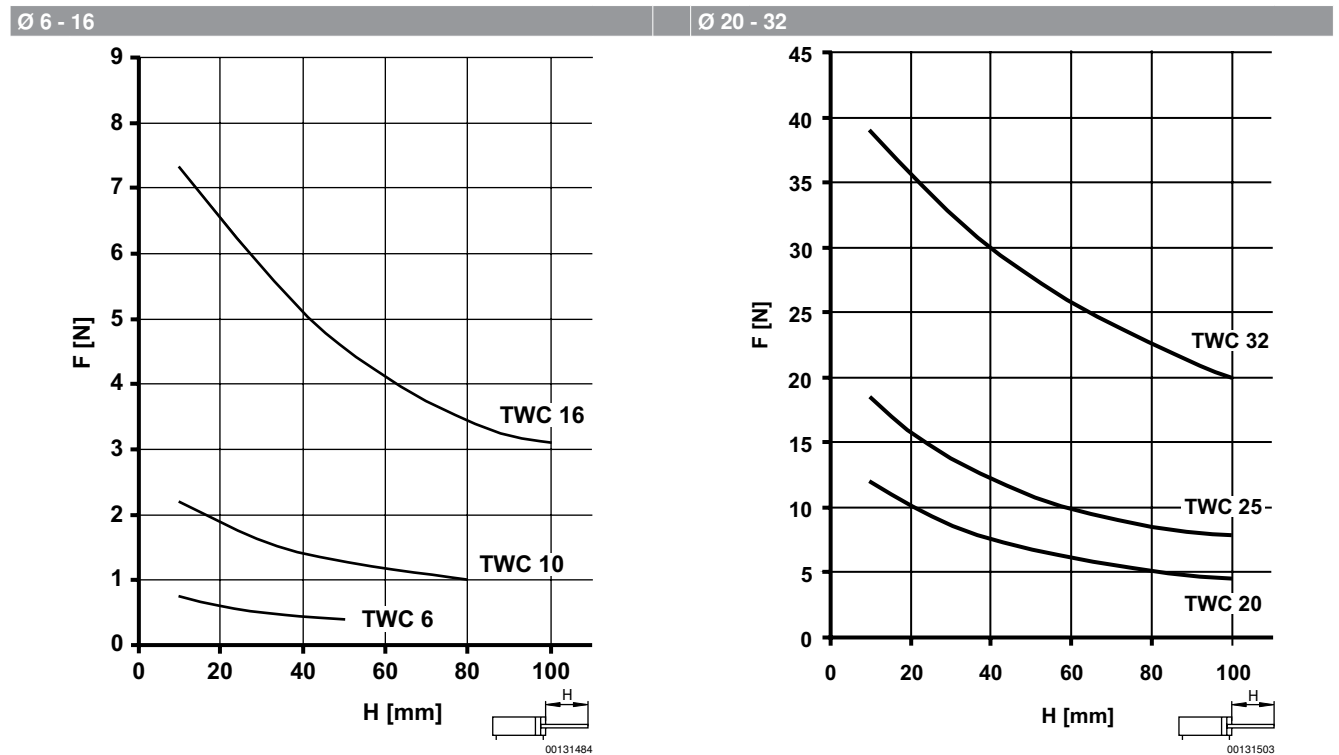
Max. transverse force F depending on the stroke length



Piston rod cylinders ▶ Double piston cylinder

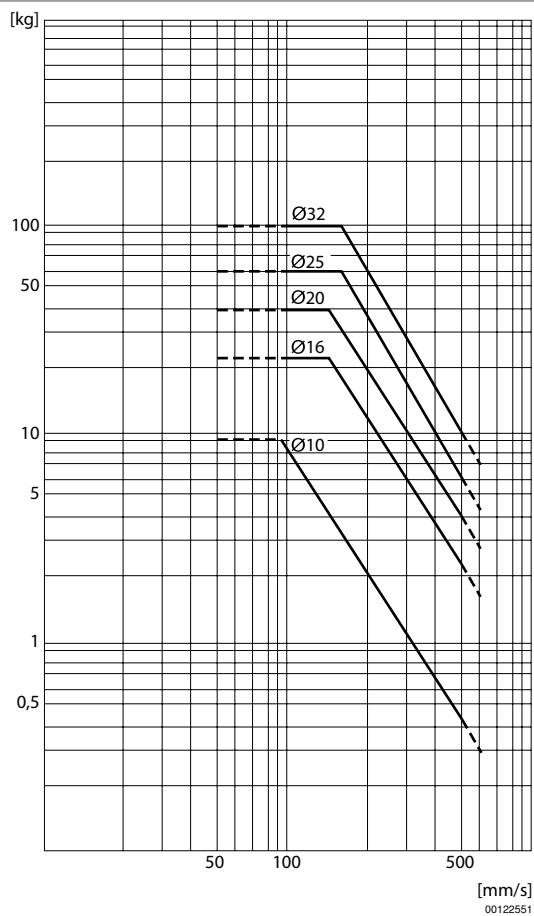
Double piston cylinder, Series TWC

▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic



Double piston cylinder, Series TWC

► Ø6 - 32 mm ► double-acting ► with magnetic piston ► cushioning: elastic

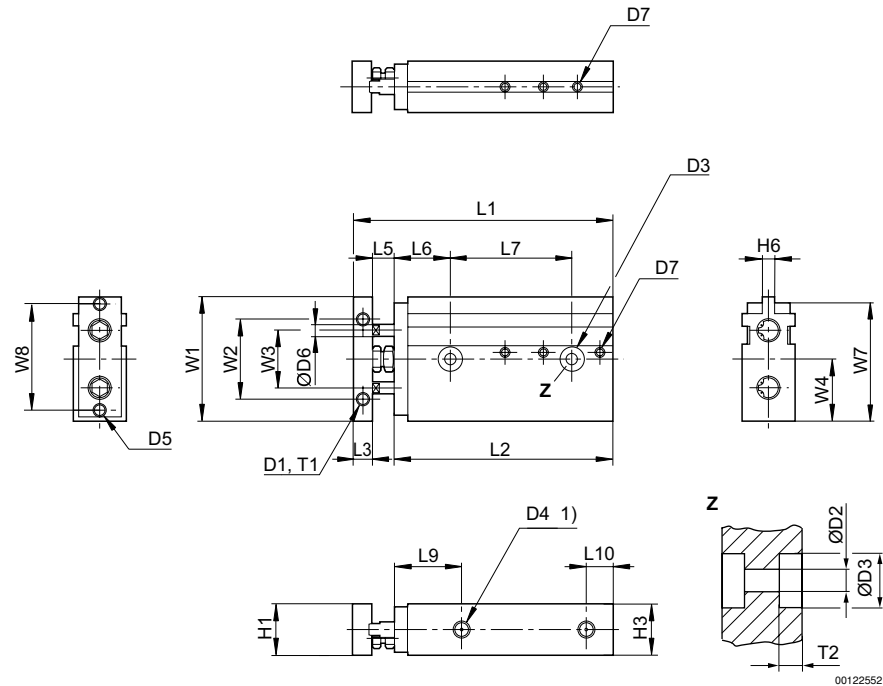
Maximum permissible moving mass depending on the impact speed


Piston rod cylinders ▶ Double piston cylinder

Double piston cylinder, Series TWC

▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic

TWC 06



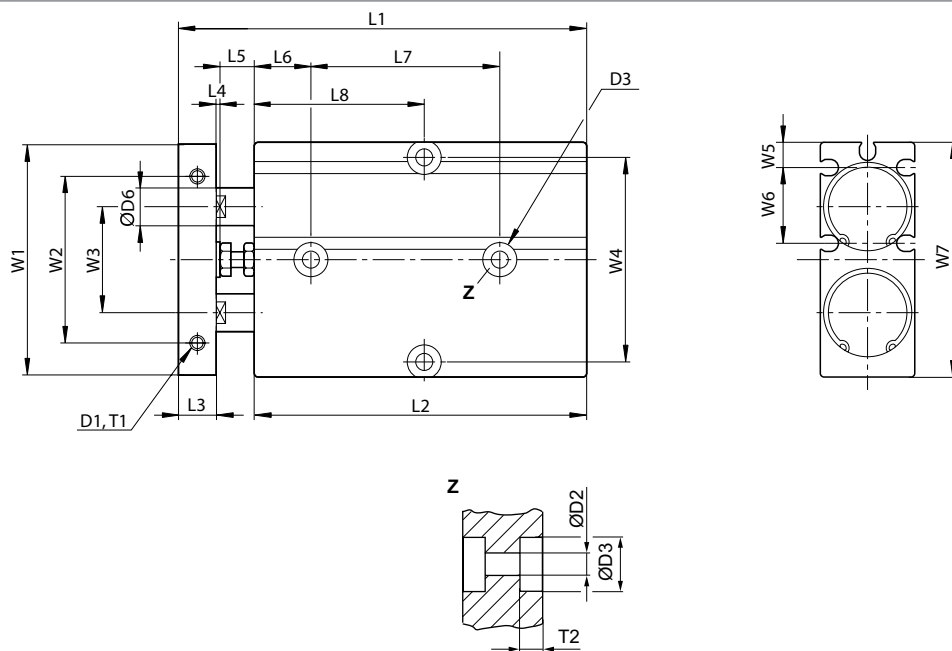
1) Compressed air connection
T1 = depth of thread

Piston Ø	D1	T1	Ø D2	Ø D3	T2	D4	D5	Ø D6	D7	H1	H3		
6	2xM3	4	3,4	6	3,3	M5	2xM3	4	M2,6	13	14		
Piston Ø	H6	L1 1)	L2±0,3 S=10 2)	L2±0,3 S=20 2)	L2±0,3 S=30 2)	L2±0,3 S=40 2)	L2±0,3 S=50 2)	L3	L5	L6	L7 1)	L9	L10
6	3.8	49 ±0,9	49	59	69	79	89	5	5	15	13 ±0,2	18.5	7.5
Piston Ø	W1	W2	W3	W4	W7	W8							
6	32	21 ±0,2	15	16.5	32.5	27 ±0,2							
S = stroke 1) + Stroke 2) Dimensions for corresponding stroke													

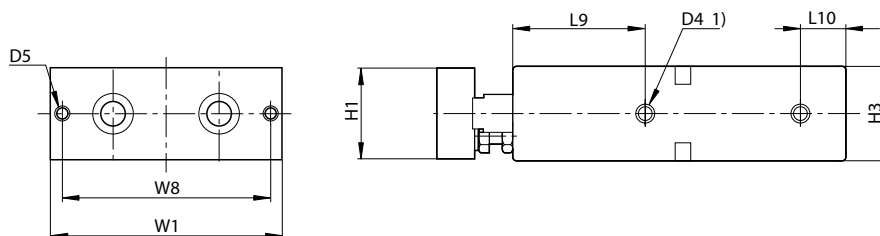
Double piston cylinder, Series TWC

▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic

TWC 10 - 32



00122553



00122554

1) Compressed air connection
T1 = depth of thread

Piston Ø	D1	T1	Ø D2	Ø D3	T2	D4	D5	Ø D6	H1	H3	L1 ±0,8 1)	L2±0,2 S=10 2)
10	2xM3	4	3,4	6	5	M5	2xM3	6	16	17	68	66
16	2xM4	5	4,5	8	5,5	M5	2xM4	8	20	21	78	73
20	2xM4	5	4,5	8	5,5	M5	2xM4	10	24	25	88	78
25	2xM5	6	4,5	9	6	M5	2xM4	12	29	30	91	82
32	2xM8	10	5,5	9,5	10,5	G 1/8	2xM6	16	38	40	118	98

Piston Ø	L2±0,2 S=20 2)	L2±0,2 S=30 2)	L2±0,2 S=40 2)	L2±0,2 S=50 2)	L2±0,2 S=60 2)	L2±0,2 S=70 2)	L2±0,2 S=80 2)	L2±0,2 S=90 2)	L2±0,2 S=100 2)	L3	L4
10	76	86	96	106	116	126	136	146	156	5	1
16	83	93	103	113	123	133	143	153	163	8	1
20	88	98	108	118	128	138	148	158	168	10	1
25	92	102	112	122	132	142	152	162	172	10	1
32	108	118	128	138	148	158	168	178	188	17	1

Piston rod cylinders ▶ Double piston cylinder
Double piston cylinder, Series TWC

▶ Ø6 - 32 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic

Piston Ø	L5	L6	L7 ±0,2 1)	L8 ±0,2 S=10 2)	L8 ±0,2 S=20 2)	L8 ±0,2 S=30 2)	L8 ±0,2 S=40 2)	L8 ±0,2 S=50 2)	L8 ±0,2 S=60 2)	L8 ±0,2 S=70 2)	L8 ±0,2 S=80 2)
10	6	15	25	25	40	45	50	55	60	65	
16	6	15	30	40	45	50	55	60	65	70	75
20	9	15	30	45	45	45	50	55	60	65	70
25	8	15	40	50	50	50	55	60	65	70	75
32	12	17	45	55	60	65	70	75	80	85	90

Piston Ø	L8 ±0,2 S=90 2)	L8 ±0,2 S=100 2)	L9	L10	W1	W2 ±0,2	W3	W4 ±0,2	W5	W6	W7	W8 ±0,2
10			32	10	41	26	18	34	5	14	42	34
16	80	85	32	10	53	34	24	47	5.7	18.5	54	47
20	75	80	35	12	61	44	28	55	6.8	20	62	55
25	80	85	40	12	72	56	34	66	8.3	22.5	73	66
32	95	100	46	15	94	72	42	83	10.1	34	96	83

S = stroke

1) + Stroke

2) Dimensions for corresponding stroke

Double piston cylinder, Series TWC-HL

▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: retracted cylinder



00122047

Ambient temperature min./max.	+0 °C / +60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Working pressure min./max.	1.5 bar / 7 bar
Pressure for determining piston forces	6,3 bar
Materials:	
Housing	Aluminum, anodized
Front plate	Steel galvanized
Piston rod	Steel, hardened
Seal	Acrylonitrile Butadiene Rubber
Guide bushing	Aluminum, anodized
Front cover	Steel, nickel-plated
End cover	Polyoxymethylene

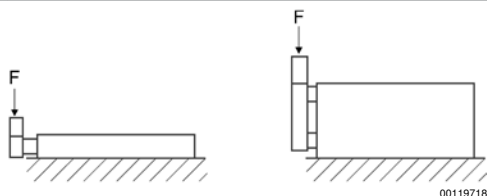
Technical Remarks

- The pressure dew point must be at least 15 °C under 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, see chapter „Technical information“.
- Safety function: end position lock with pressure drop

Piston Ø	[mm]	2x16	2x20	2x25		
Port		M5	M5	M5		
Retracting piston force	[N]	189	296	475		
Extracting piston force	[N]	253	395	618		
Speed max.	[m/s]	0.5	0.5	0.5		
Max. holding force when locked	[N]	95	150	235		
Max. play with locked end position	[mm]	1	1	1		
Cushioning energy max.	[J]	0.11	0.17	0.23		
Weight	10 mm stroke	[kg]	0.24	0.37	0.64	
	+10 mm stroke	[kg]	0.035	0.05	0.052	

	Piston Ø	16	20	25		
	Stroke 10	R402000846	R402000854	R402000862		
	20	R402000847	R402000855	R402000863		
	30	R402000848	R402000856	R402000864		
	40	R402000849	R402000857	R402000865		
	50	R402000850	R402000858	R402000866		
	60	R402000851	R402000859	R402000867		
	70	R402000852	R402000860	R402000868		
	80	R402000853	R402000861	R402000869		

Max. transverse force F depending on the stroke length



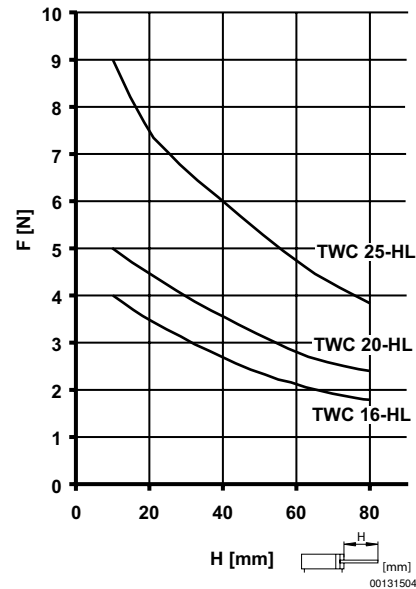
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Piston rod cylinders ▶ Double piston cylinder

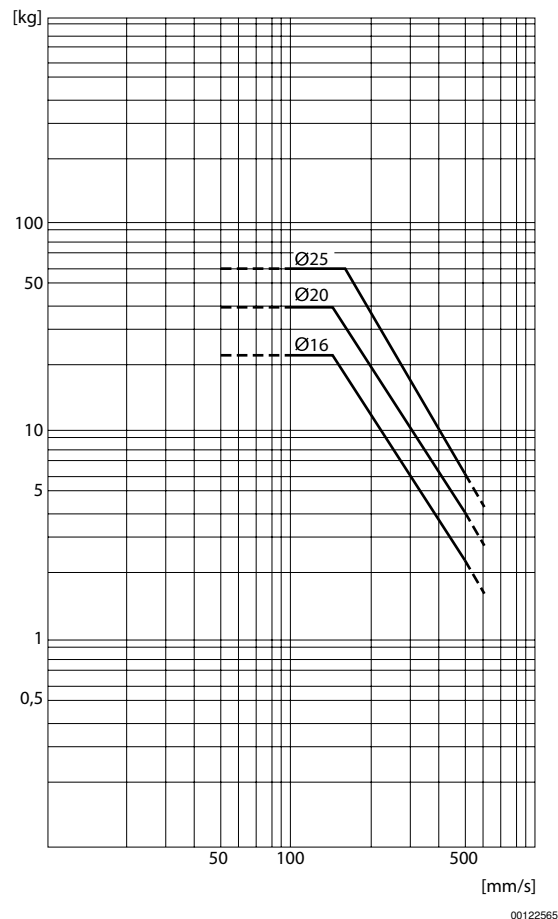
Double piston cylinder, Series TWC-HL

▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: retracted cylinder

Ø 16 - 25 mm



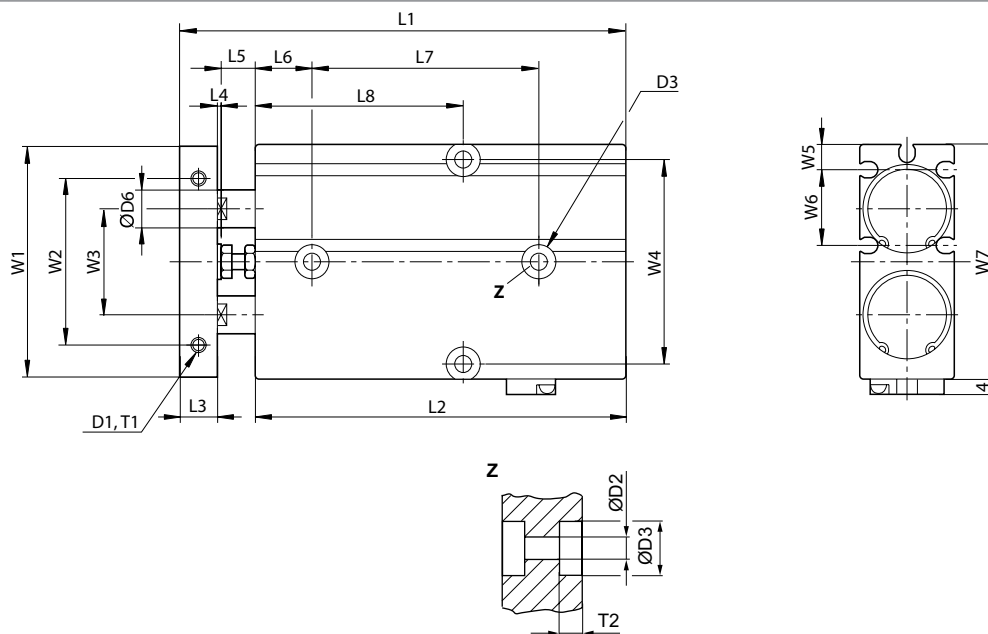
Maximum permissible moving mass depending on the impact speed



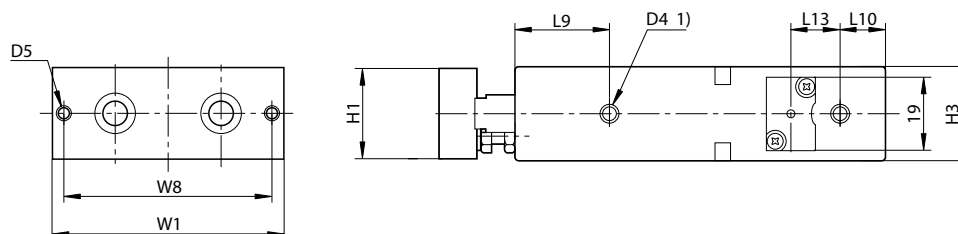
Double piston cylinder, Series TWC-HL

► Ø16 - 25 mm ► double-acting ► with magnetic piston ► cushioning: elastic ► End position lock: retracted cylinder

TWC 16-HL - 25-HL



00122796



00122566

1) Compressed air connection
T1 = depth of thread

Piston Ø	D1	T1	Ø D2	Ø D3	T2	D4	D5	Ø D6	H1	H3	L1 ±0,8 1)	L2 ±0,2 S=10 2)
16	2xM4	5	4,5	8	5,5	M5	2xM4	8	20	21	88	83
20	2xM4	5	4,5	8	5,5	M5	2xM4	10	24	25	98	88
25	2xM5	6	4,5	9	6	M5	2xM4	12	29	30	101	92

Piston Ø	L2 ±0,2 S=20 2)	L2 ±0,2 S=30 2)	L2 ±0,2 S=40 2)	L2 ±0,2 S=50 2)	L2 ±0,2 S=60 2)	L2 ±0,2 S=70 2)	L2 ±0,2 S=80 2)	L3	L4	L5	L6
16	93	103	113	123	133	143	153	8	1	6	15
20	98	108	118	128	138	148	158	10	1	9	15
25	102	112	122	132	142	152	162	10	1	8	15

Piston Ø	L7 ±0,2 1)	L8 ±0,2 S=10 2)	L8 ±0,2 S=20 2)	L8 ±0,2 S=30 2)	L8 ±0,2 S=40 2)	L8 ±0,2 S=50 2)	L8 ±0,2 S=60 2)	L8 ±0,2 S=70 2)	L8 ±0,2 S=80 2)	L9	L10
16	40	40	45	50	55	60	65	70	75	22	10
20	40	40	45	50	55	60	65	70	75	25	12
25	50	45	50	55	60	65	70	75	80	30	12

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

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Piston rod cylinders ▶ Double piston cylinder
Double piston cylinder, Series TWC-HL

▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: retracted cylinder

Piston Ø	L13	W1	W2 ±0,2	W3	W4 ±0,2	W5	W6	W7	W8 ±0,2			
16	13	53	34	24	47	5.7	18.5	54	47			
20	13	61	44	28	55	6.8	20	62	55			
25	10	72	56	34	66	8.3	22.5	73	66			
S = stroke 1) + Stroke 2) Dimensions for corresponding stroke												

Piston rod cylinders ▶ Double piston cylinder
Double piston cylinder, Series TWC-RL
▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: extended cylinder


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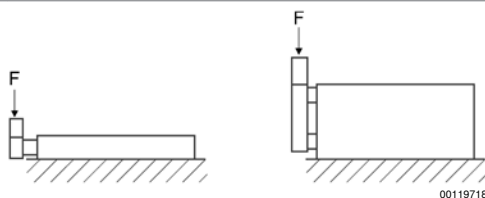
Ambient temperature min./max.	+0 °C / +60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Working pressure min./max.	1.5 bar / 7 bar
Pressure for determining piston forces	6,3 bar
Materials:	
Housing	Aluminum, anodized
Front plate	Steel galvanized
Piston rod	Steel, hardened
Seal	Acrylonitrile Butadiene Rubber
Guide bushing	Aluminum, anodized
Front cover	Steel, nickel-plated
End cover	Polyoxymethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under 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, see chapter „Technical information“.
- Safety function: end position lock with pressure drop

Piston Ø	[mm]	2x16	2x20	2x25		
Port		M5	M5	M5		
Retracting piston force	[N]	189	296	475		
Extracting piston force	[N]	253	395	618		
Speed max.	[m/s]	0.5	0.5	0.5		
Max. holding force when locked	[N]	96	150	235		
Max. play with locked end position	[mm]	1	1	1		
Max. retracted stroke setting	[mm]	-5	-5	-5		
Cushioning energy max.	[J]	0.11	0.17	0.23		
Weight	10 mm stroke	[kg]	0.26	0.39	0.67	
	+10 mm stroke	[kg]	0.033	0.049	0.051	

	Piston Ø	16	20	25		
	Stroke 10	R402000870	R402000878	R402000886		
	20	R402000871	R402000879	R402000887		
	30	R402000872	R402000880	R402000888		
	40	R402000873	R402000881	R402000889		
	50	R402000874	R402000882	R402000890		
	60	R402000875	R402000883	R402000891		
	70	R402000876	R402000884	R402000892		
	80	R402000877	R402000885	R402000893		

Max. transverse force F depending on the stroke length


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Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

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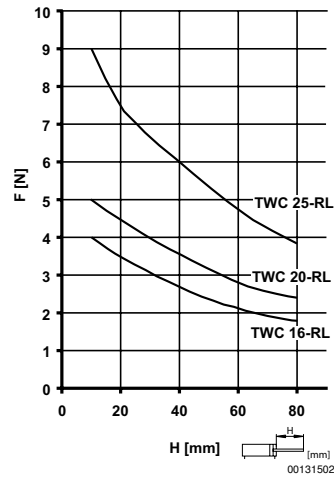
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Piston rod cylinders ▶ Double piston cylinder

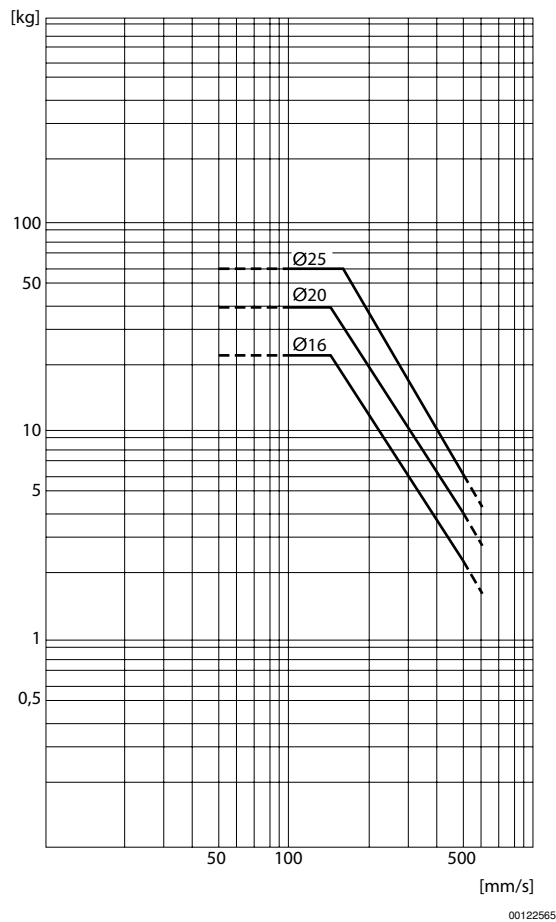
Double piston cylinder, Series TWC-RL

▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: extended cylinder

16 - 25 mm

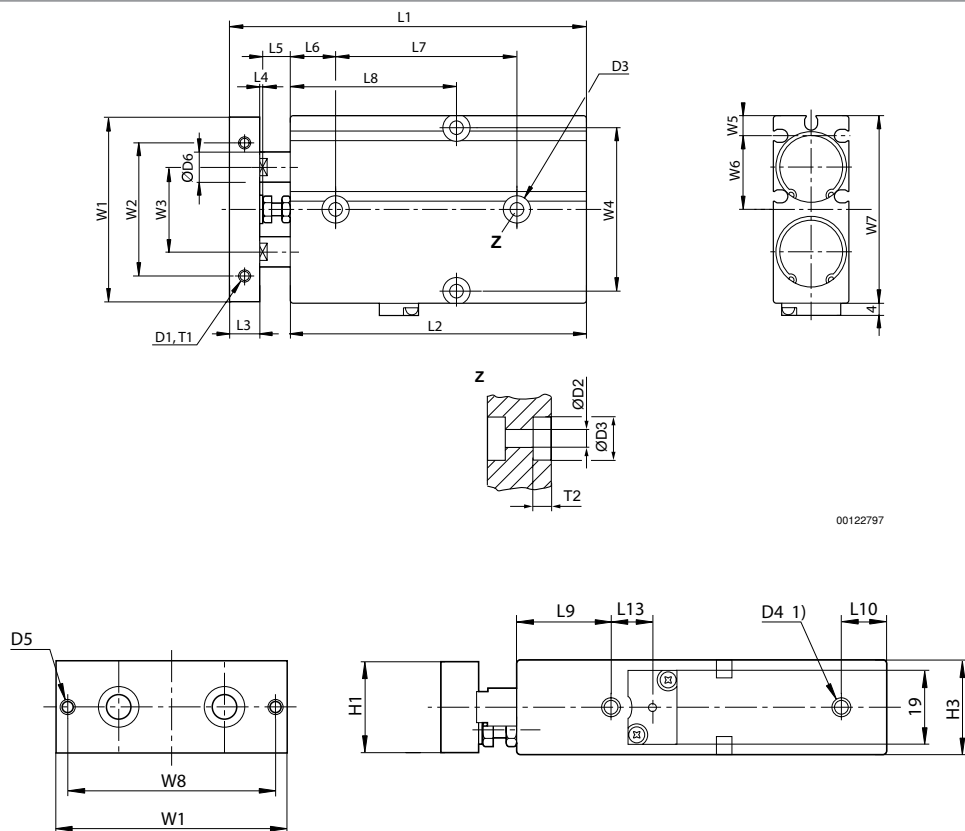


Maximum permissible moving mass depending on the impact speed



Double piston cylinder, Series TWC-RL

▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: extended cylinder

TWC 16-RL - 25-RL


1) Compressed air connection

T1 = depth of thread

Piston Ø	D1	T1	Ø D2	Ø D3	T2	D4	D5	Ø D6	H1	H3	L1 ±0,8 1)	L2 ±0,2 S=10 2)
16	2xM4	5	4,5	8	5,5	M5	2xM4	8	20	21	88	83
20	2xM4	5	4,5	8	5,5	M5	2xM4	10	24	25	98	88
25	2xM5	6	4,5	9	6	M5	2xM4	12	29	30	101	92

Piston Ø	L2 ±0,2 S=20 2)	L2 ±0,2 S=30 2)	L2 ±0,2 S=40 2)	L2 ±0,2 S=50 2)	L2 ±0,2 S=60 2)	L2 ±0,2 S=70 2)	L2 ±0,2 S=80 2)	L3	L4	L5	L6
16	93	103	113	123	133	143	153	8	1	6	15
20	98	108	118	128	138	148	158	10	1	9	15
25	102	112	122	132	142	152	162	10	1	8	15

Piston Ø	L7 ±0,2 1)	L8 ±0,2 S=10 2)	L8 ±0,2 S=20 2)	L8 ±0,2 S=30 2)	L8 ±0,2 S=40 2)	L8 ±0,2 S=50 2)	L8 ±0,2 S=60 2)	L8 ±0,2 S=70 2)	L8 ±0,2 S=80 2)	L9	L10
16	40	45	45	50	55	60	65	70	75	22	10
20	40	45	45	50	55	60	65	70	75	25	12
25	50	50	50	55	60	65	70	75	80	30	12

Piston Ø	L13	W1	W2 ±0,2	W3	W4 ±0,2	W5	W6	W7	W8 ±0,2			
16	11	53	34	24	47	5.7	18.5	54	47			
20	11	61	44	28	55	6.8	20	62	55			

S = stroke

1) + Stroke

2) Dimensions for corresponding stroke

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

Pneumatics catalog, online PDF, as of 2016-07-26, ©AVENTICS S.à r.l., subject to change

Piston rod cylinders ▶ Double piston cylinder
Double piston cylinder, Series TWC-RL

▶ Ø16 - 25 mm ▶ double-acting ▶ with magnetic piston ▶ cushioning: elastic ▶ End position lock: extended cylinder

Piston Ø	L13	W1	W2 ±0,2	W3	W4 ±0,2	W5	W6	W7	W8 ±0,2			
25	9	72	56	34	66	8.3	22.5	73	66			
S = stroke 1) + Stroke 2) Dimensions for corresponding stroke												

Series TWC

Accessories

Sensor, Series SH4

▶ with cable ▶ without wire end ferrule, tin-plated, 2-pin



00122883

Ambient temperature min./max.

Protection class

DC operating voltage min./max.

LED status display

Vibration resistance

Shock resistance

+0°C / +60°C

IP67, IP65

10 - 28

Yellow

10 - 55 Hz, 1,5 mm

30 g / 11 ms

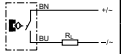
Materials:

Housing

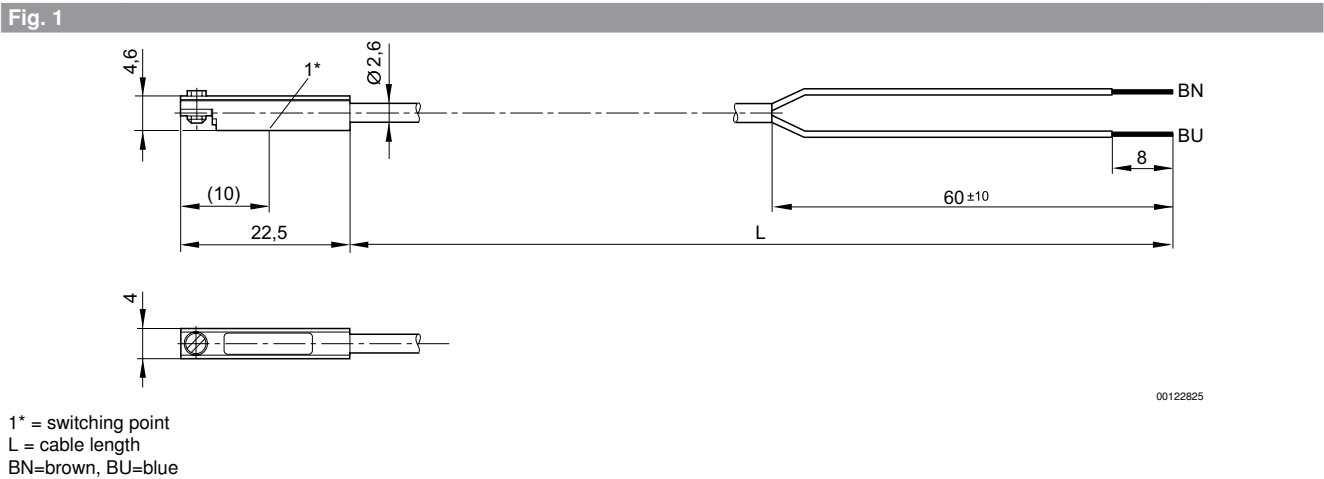
Cable sheath

Polyamide

Polyvinyl chloride

	Type of contact	Cable length	Operational voltage AC min./max.	DC switching current, max.	AC switching current, max.	Fig.	Part No.
		[m]	[V AC]	[A]	[A]		
	Reed	3	85 / 115	0.04	0.04	Fig. 1 Fig. 2	2650122051 2650122052

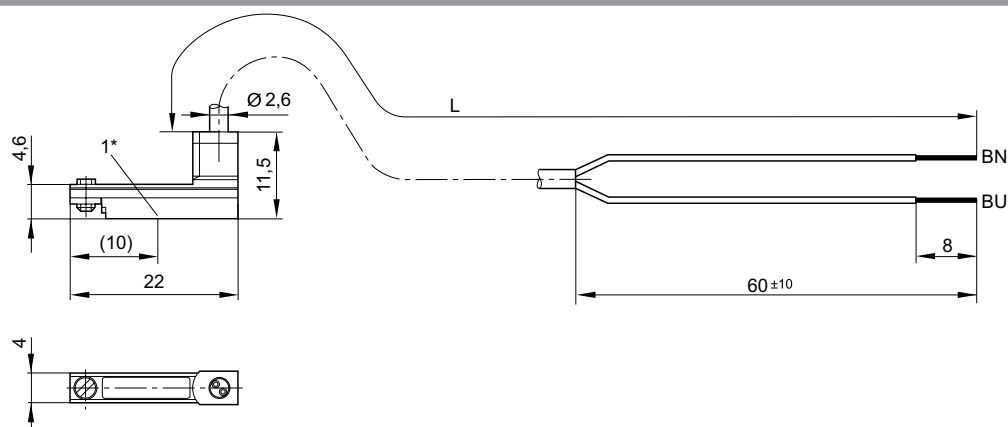
for TWC Ø10-32
interfaces: without wire end ferrule, tin-plated; 2-pin
Protected against polarity reversal



Piston rod cylinders ▶ Double piston cylinder

Series TWC Accessories

Fig. 2



00122826

1* = switching point
L = cable length
BN=brown, BU=blue

Sensor, Series SH4

▶ with cable ▶ Plug, M8, 3-pin, with knurled screw, without wire end ferrule, tin-plated, 3-pin



PSLID_004

Ambient temperature min./max.
Protection class
DC operating voltage min./max.
LED status display

-10°C / +70°C
IP67
5
Green

Materials:

Housing
Cable
Cable sheath

Polyamide
Polyurethane
Polyvinyl chloride

	Type of contact	Cable length	Voltage drop U at I _{max}	DC switching current, max.	Note	Part No.
		[m]		[A]		
	electronic PNP	0.15 3	≤ 1,5 V	0.05	1) 2)	2650122040 2650122050
	electronic NPN	3	≤ 0,5 V	0.05	2)	2650122081
1) interfaces: Plug; M8; 3-pin; with knurled screw 2) interfaces: without wire end ferrule, tin-plated; 3-pin Protected against polarity reversal / short circuit resistant						

Series TWC

Accessories

Dimensions

1* = switching point

L = cable length

BN = brown, BK = black, BU = blue

* Ø 3 electronic PNP

Sensor clamp

▶ For piston Ø 6 ▶ for Series SH4 ▶ to mount on cylinder TWC

18416

00122824

Part No.	For series	Weight [kg]									
R412006637	SH4	0.004									

Connecting cable, Series CN2

▶ Socket, M8, 3-pin, straight ▶ open cable ends, 3-pin

Ambient temperature min./max.

Protection class

Materials:

Cable sheath

-40°C / +85°C

IP65

Polyurethane

00107009_b

Piston rod cylinders ► Double piston cylinder

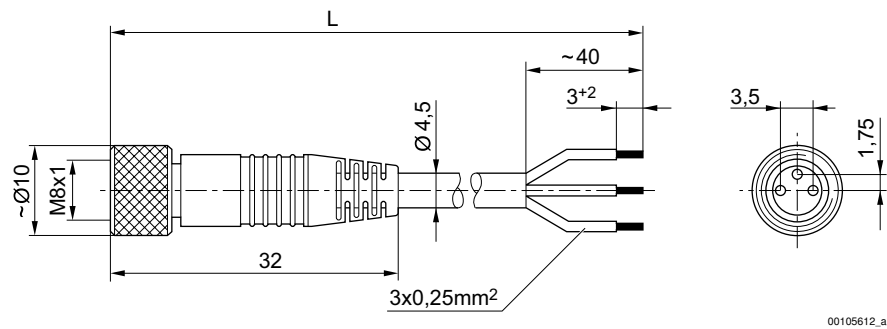
Series TWC Accessories

Technical Remarks

- The specified protection class is only valid in assembled and tested state.

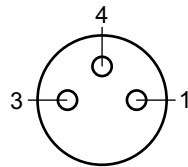
Max. current	Number of poles	Wire cross-section	Cable-Ø	Cable length L	Weight	Part No.
[A]		[mm ²]	[mm]	[m]	[kg]	
4	3	0.24	4.5	3	0.091	1834484166
				5	0.145	1834484168
				10	0.33	1834484247

Dimensions



L = length

Pin assignment



Buchse_3-polig

- (1) BN=brown
- (3) BU=blue
- (4) BK=black

Series TWC

Accessories

Connecting cable, Series CN2

▶ Socket, M8x1, 3-pin, angled ▶ open cable ends, 3-pin



Ambient temperature min./max.

Protection class

Materials:

Cable sheath

-40°C / +85°C

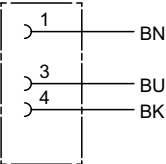
IP65

Polyurethane

00107009_c

Technical Remarks

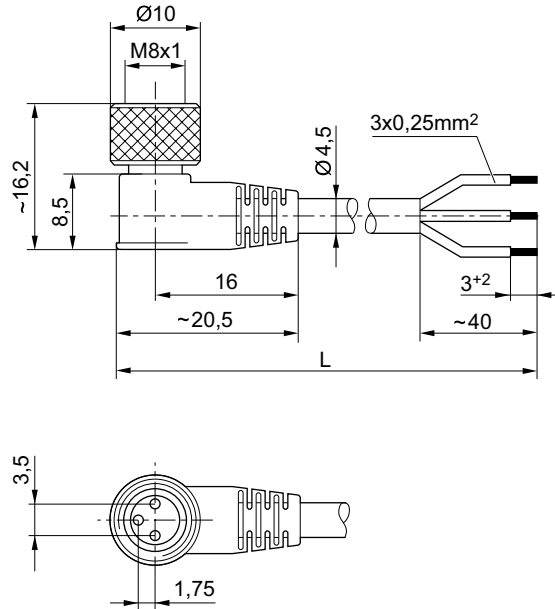
■ The specified protection class is only valid in assembled and tested state.

	Max. current	Number of poles	Wire cross-section	Cable-Ø	Cable length L	Weight	Part No.
	[A]		[mm²]	[mm]	[m]	[kg]	
	4	3	0.24	4.5	3	0.092	1834484167
					5	0.141	1834484169
					10	0.276	1834484248

Piston rod cylinders ► Double piston cylinder

Series TWC Accessories

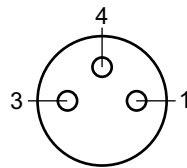
Dimensions



00105612_b

L = length

Pin assignment



Buchse_3-polig

- (1) BN=brown
- (3) BU=blue
- (4) BK=black

Socket, M8x1, Series CN2

► Socket, M8x1, 3-pin



00138877

Ambient temperature min./max.
Protection class

-25°C / +80°C
IP67

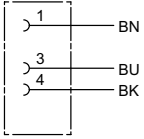
Materials:
Housing

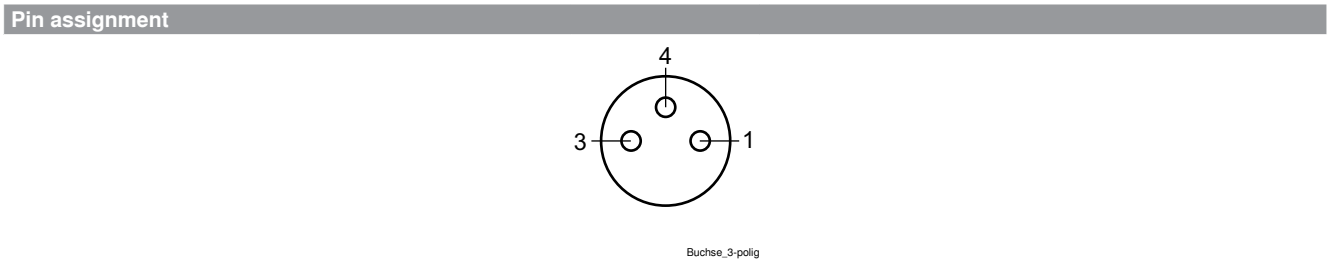
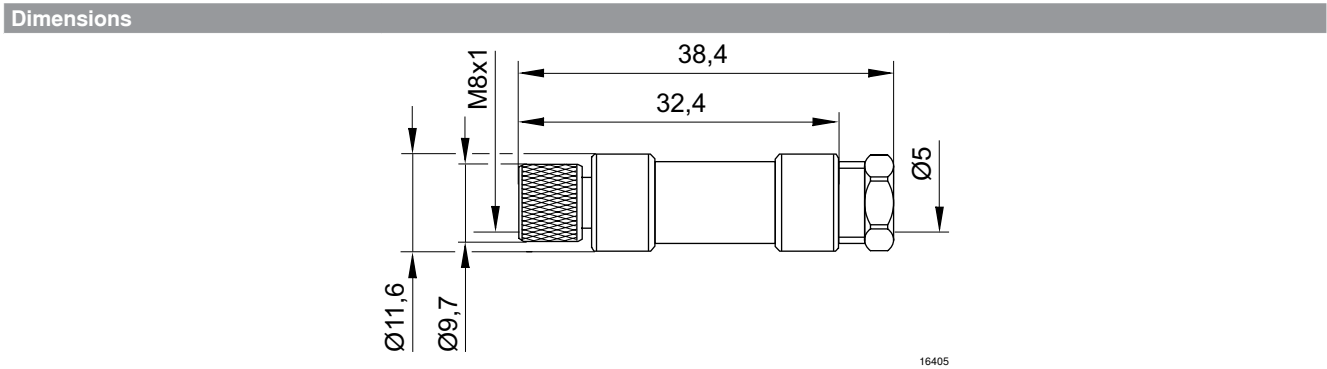
Polyamide

Series TWC

Accessories

Technical Remarks
■ The specified protection class is only valid in assembled and tested state.

	Operational voltage		Max. current	Cable exit	suitable cable-Ø min./max	number of plug options 1	Housing color	Part No.
	AC	DC						
	[V]	[V]	[A]		[mm]			
	48	48	4	straight	3.5 / 5	1 position	Black	1834484173
Part No.	Weight							
								[kg]
1834484173								0.008



Piston rod cylinders ▶ Double piston cylinder

Series TWC Accessories

Socket, M8x1, Series CN2

▶ Socket, M8x1, 3-pin, angled



16406

Ambient temperature min./max.

-25 °C / +85 °C

Protection class

IP65

Materials:

Housing

Polyamide

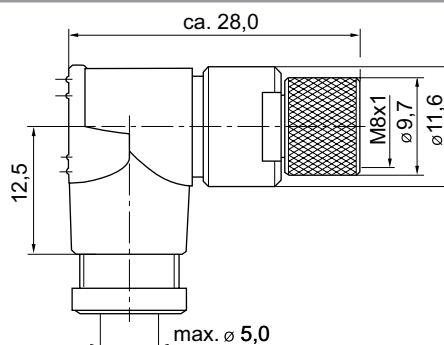
Technical Remarks

- The specified protection class is only valid in assembled and tested state.

	Operational voltage		Max. current	Contact assign- ment	Cable exit	suitable cable-Ø min./max	Part No.
	AC	DC					
	[V]	[V]	[A]			[mm]	
	48	48	4	3	angled 90°	3.5 / 5	1834484174

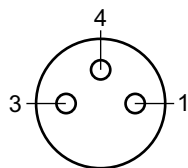
Part No.	number of plug options 1	Housing color	Weight
			[kg]
1834484174	1 position	Black	0.008

Dimensions



15832

Series TWC
Accessories**Pin assignment**



Buchse_3-polig

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26-07-2016

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