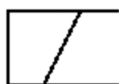


Coil, Series CO1

- Form C, coil kit
- Coil width 15 mm
- Power consumption,DC 2 W
- Holding power,AC 1.6 VA
- Switch-on power,AC 2.2 VA



Connector standard	ISO 15217
electrical connections	Plug, 3-pin
Ambient temperature min./max.	-10 ... 50 °C
Protection class,With valve plug connector/plug	IP65
Duty cycle ED	100 %
Weight	See table below



Technical data

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
R422101598	-	110 V	110 V	-
R422101599	-	230 V	230 V	-
R422101600	24 V	-	-	-10% / +10%
R422101601	-	24 V	24 V	-
R422101602	12 V	-	-	-10% / +10%

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
R422101598	-10% / +10%	-10% / +10%	-	1,6 VA
R422101599	-10% / +10%	-10% / +10%	-	1,6 VA
R422101600	-	-	2 W	-
R422101601	-10% / +10%	-10% / +10%	-	1,6 VA
R422101602	-	-	2 W	-

Part No.	Holding power	Switch-on power	Switch-on power	Weight	
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
R422101598	1,4 VA	2,2 VA	2 VA	0,023 kg	1)
R422101599	1,4 VA	2,2 VA	2 VA	0,022 kg	1)
R422101600	-	-	-	0,024 kg	-
R422101601	1,4 VA	2,2 VA	2 VA	0,023 kg	1)

Part No.	Holding power	Switch-on power		Weight	
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
R422101602	-	-	-	0,024 kg	-

1) Can only be combined with TC series base valves and TC series valves with alternating voltage (AC).

Technical information

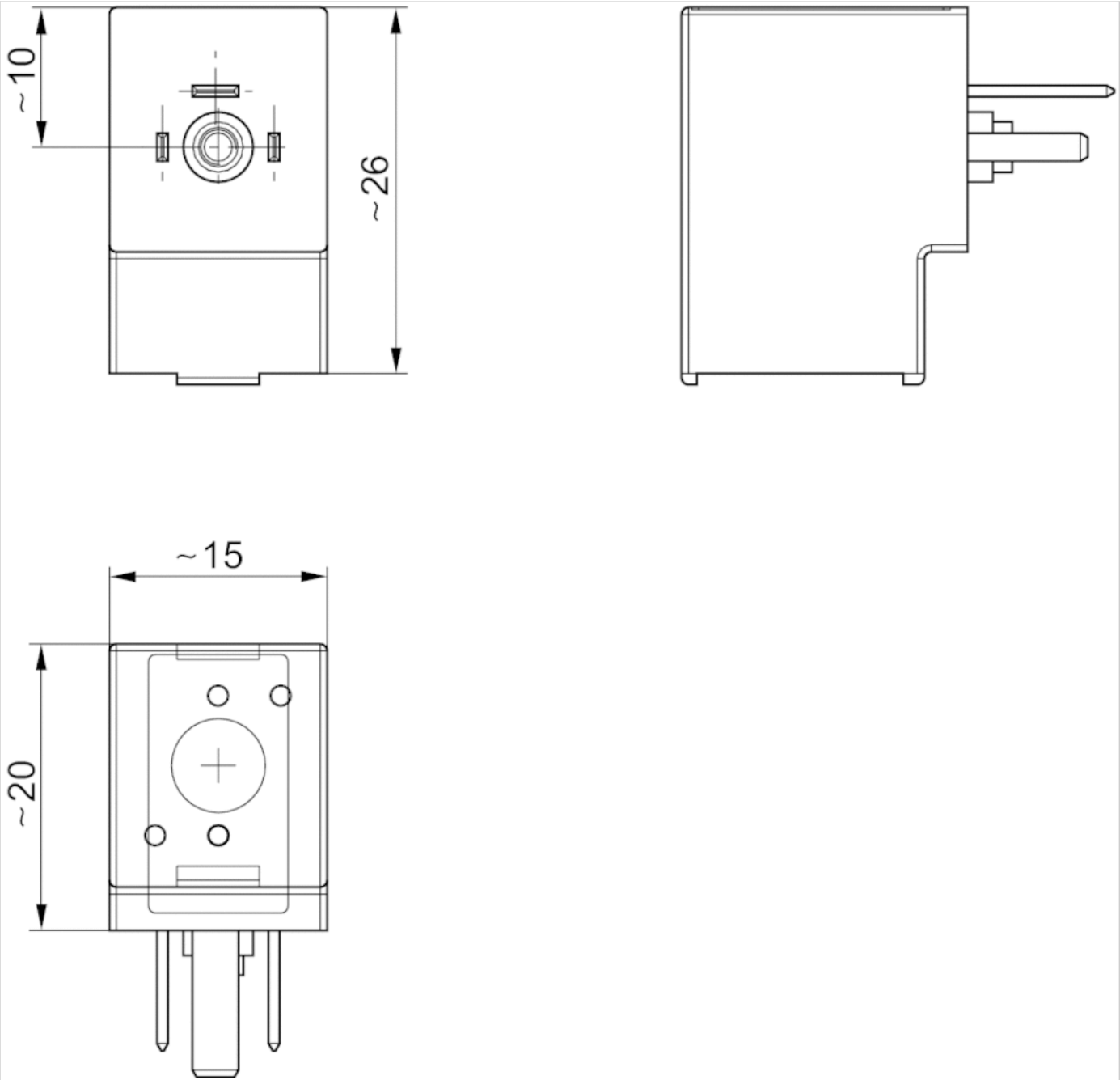
Please note that the coils are only compatible with TC series valves that were produced starting in 2011.

Technical information

Material	
Housing	Polyamide

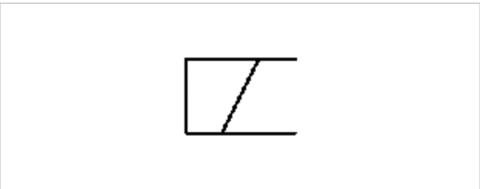
Dimensions

Dimensions



Coil, Series CO1

- M8, coil kit
- Coil width 15 mm
- Power consumption,DC 2.2 W



Connector standard	DIN EN 60947-5-2
electrical connections	See table below
Ambient temperature min./max.	-10 ... 50 °C
Protection class acc. to DIN EN 61140,Electrically	Class III
Protection class,With valve plug connector/plug	IP65
Duty cycle ED	100 %
LED status display	Yellow
Weight	0,025 kg

Technical data

Part No.	electrical connections	Operationalvoltage	Voltage tolerance	Power consumption
		DC	DC	DC
R422101603	Plug, M8x1, 4-pin	24 V	-10% / +10%	2,2 W
R422101604	Plug, M8x1, 3-pin	24 V	-10% / +10%	2,2 W

Technical information

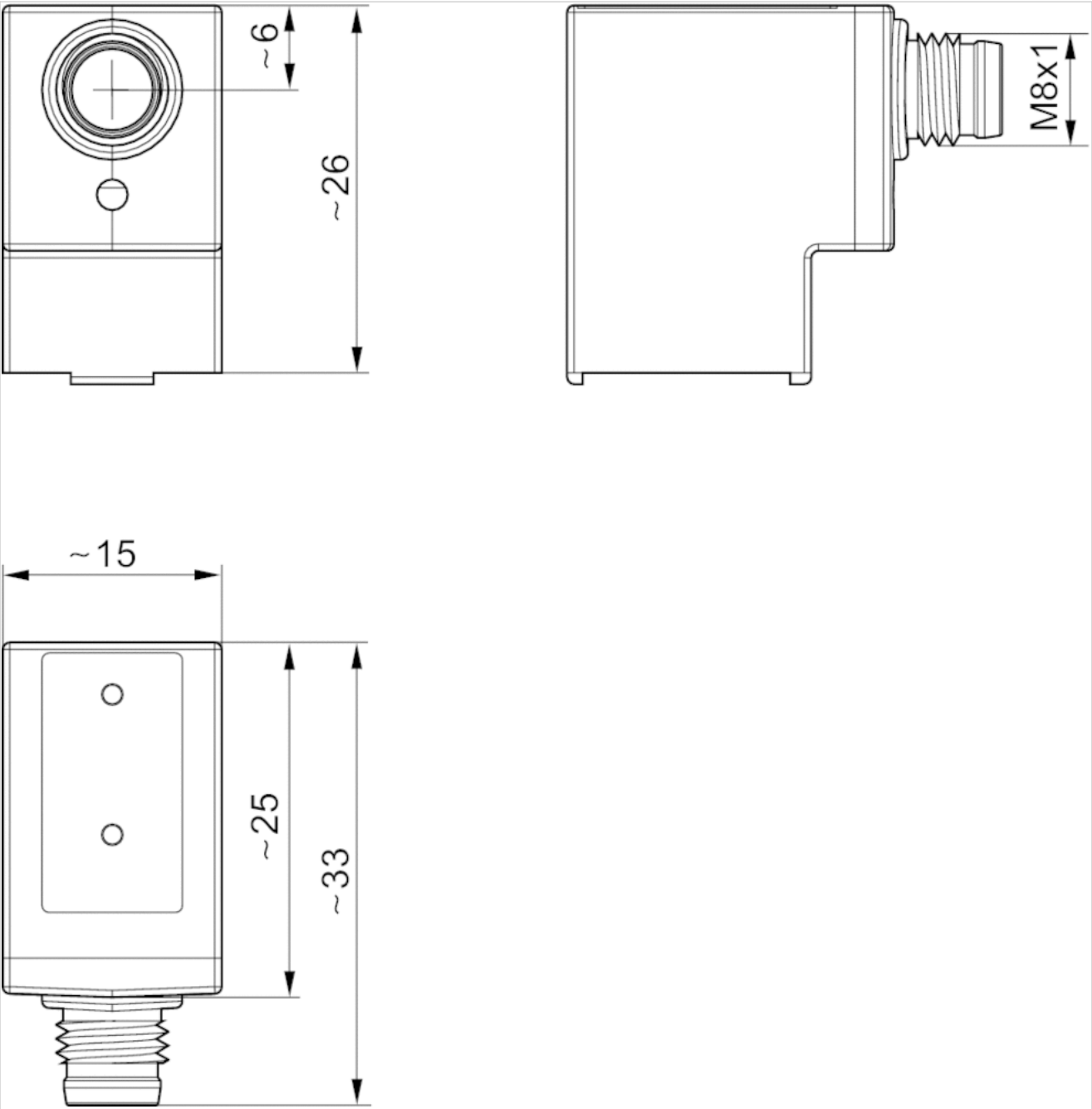
Please note that the coils are only compatible with TC series valves that were produced starting in 2011.

Technical information

Material	
Housing	Polyamide

Dimensions

Dimensions

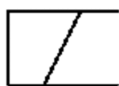


Coil, Series CO1

- form B
- Coil width 22 mm
- Power consumption,DC 2.6-5.9 W
- Holding power,AC 7.7-9.7 VA
- Switch-on power,AC 10.5-12.6 VA



Connector standard	EN 175301-803, form B
electrical connections	Plug, 3-pin
Ambient temperature min./max.	50 °C
Protection class,With valve plug connector/plug	IP65
Duty cycle ED	100 %
Weight	0,07 kg



Technical data

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
1824210245	24 V	-	-	-10% / +10%
1824210239	12 V	24 V	24 V	-10% / +10%
1824210243	24 V	48 V	48 V	-10% / +10%
1824210241	48 V	-	-	-10% / +10%
1824210237	60 V	110 V	110 V	-10% / +10%
1824210235	110 V	220 V	230 V	-10% / +10%

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
1824210245	-10% / +10%	-10% / +10%	2,6 W	-
1824210239	-10% / +10%	-10% / +10%	5,5 W	8,9 VA
1824210243	-10% / +10%	-10% / +10%	4,8 W	7,7 VA
1824210241	-10% / +10%	-10% / +10%	5 W	-
1824210237	-10% / +10%	-10% / +10%	5,9 W	8,4 VA
1824210235	-10% / +10%	-10% / +10%	4,9 W	9,7 VA

Part No.	Holding power	Switch-on power	Switch-on power	Compatibility index
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
1824210245	-	-	-	13
1824210239	7,3 VA	12 VA	9,9 VA	14
1824210243	6,2 VA	10,5 VA	9,4 VA	14

Part No.	Holding power	Switch-on power	Switch-on power	Compatibility index
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
1824210241	-	-	-	14
1824210237	6,8 VA	11 VA	9,4 VA	14
1824210235	7,9 VA	12,6 VA	10,2 VA	14

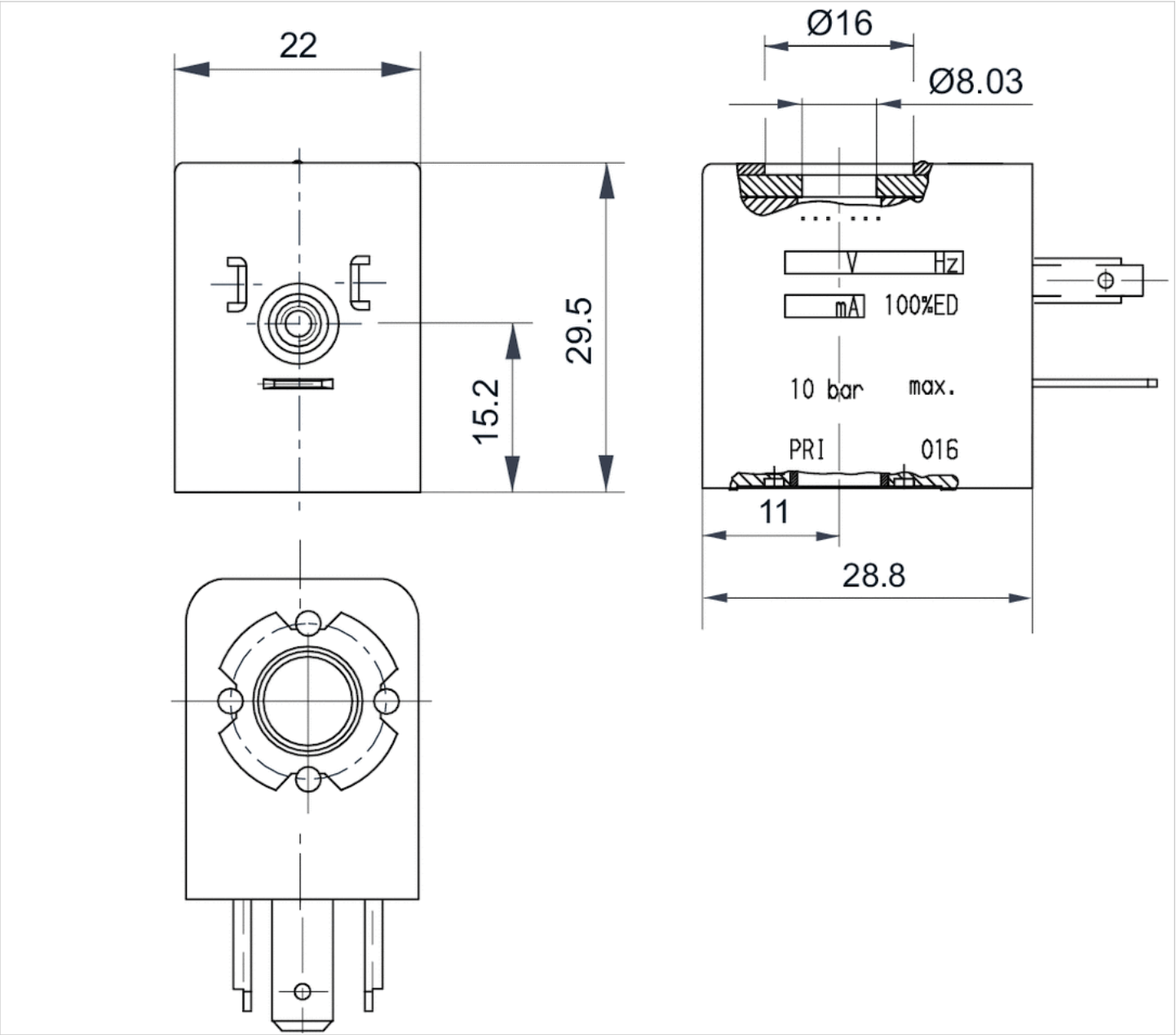
Technical information

Material

Housing
Thermoplastic elastomer

Dimensions

Dimensions



Coil, Series CO1

- Form B, industry
- Coil width 22 mm
- Power consumption,DC 2-5 W
- Holding power,AC 8 VA
- Switch-on power,AC 10 VA



Connector standard
electrical connections
Ambient temperature min./max.
Protection class,With valve plug
connector/plug
Duty cycle ED
Weight

ISO 6952
Plug, Form B, industry
50 °C
IP65

100 %
See table below

Technical data

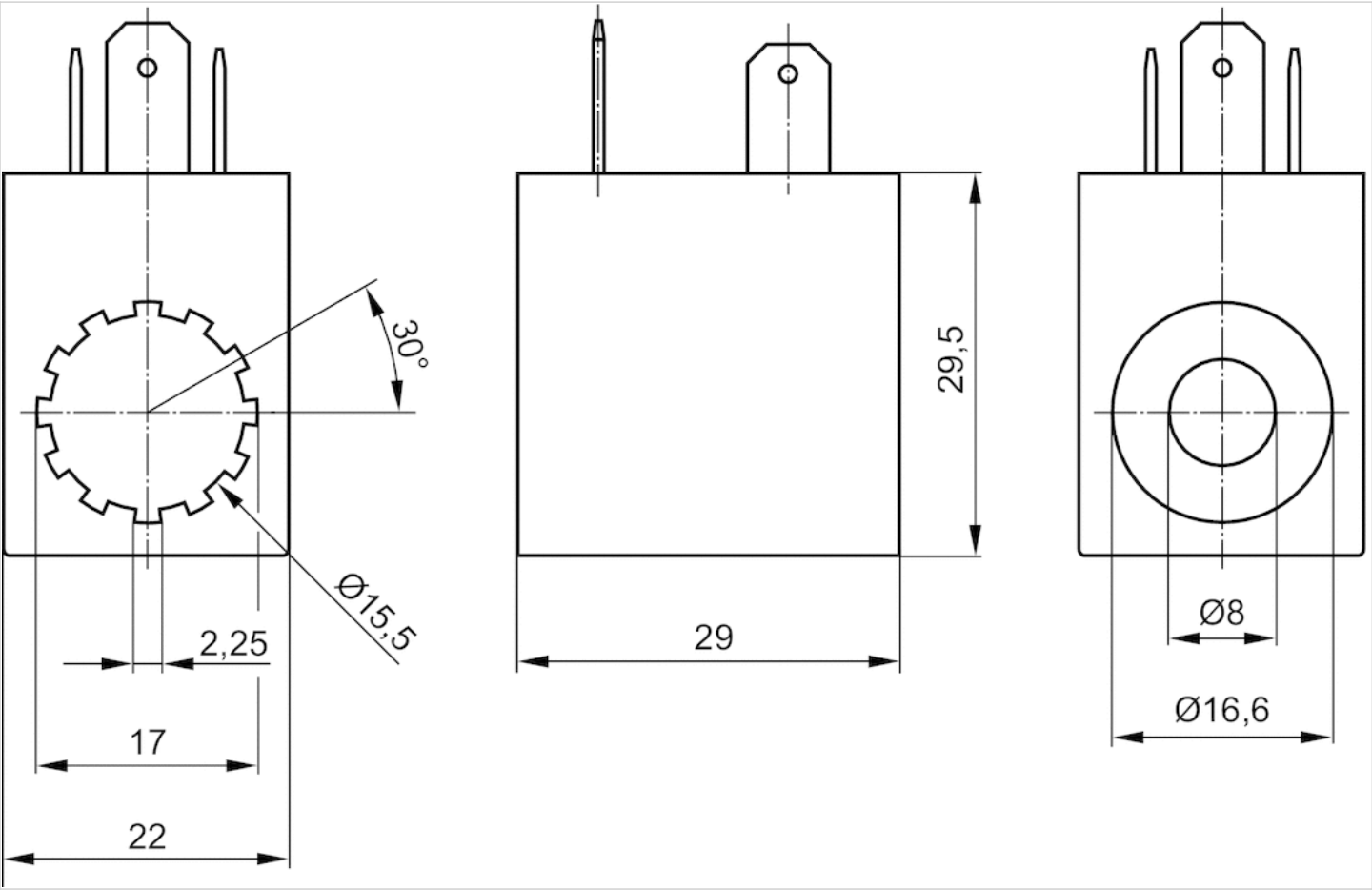
Part No.	Operationalvoltage	Operationalvoltage	Voltage tolerance	Voltage tolerance
	DC	AC 50 Hz	DC	AC 50 Hz
0498317405	12 V	-	-	-
0498317502	24 V	-	-10% / +10%	-
0498318800	24 V	-	-10% / +10%	-
0498317618	48 V	-	-	-
0498317707	110 V	-	-10% / +10%	-
0498317804	220 V	-	-10% / +10%	-
0498316905	-	24 V	-	-10% / +10%
0498317006	-	48 V	-	-10% / +10%
0498317103	-	110 V	-	-10% / +10%
0498322506	-	230 V	-	-10% / +10%

Part No.	Power consumption	Holding power	Switch-on power	Weight	
	DC	AC 50 Hz	AC 50 Hz		
0498317405	5 W	-	-	0,054 kg	-
0498317502	5 W	-	-	0,051 kg	-
0498318800	2 W	-	-	0,051 kg	1)
0498317618	5 W	-	-	0,054 kg	-
0498317707	5 W	-	-	0,054 kg	-
0498317804	5 W	-	-	0,054 kg	-
0498316905	-	8 VA	10 VA	0,054 kg	-
0498317006	-	8 VA	10 VA	0,054 kg	-
0498317103	-	8 VA	10 VA	0,051 kg	-
0498322506	-	8 VA	10 VA	0,054 kg	-

1) Low power consumption

Dimensions

Dimensions



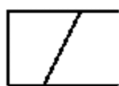
Coil, Series CO1

- form A
- Coil width 30 mm
- Power consumption,DC 2.1-6.2 W
- Holding power,AC 4.2-8 VA
- Switch-on power,AC 6.9-11.5 VA



Connector standard
electrical connections
Ambient temperature min./max.
Protection class,With valve plug
connector/plug
Duty cycle ED
Weight

EN 175301-803, form A
Plug, 3-pin
50 °C
IP65
100 %
See table below



Technical data

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
5420507012	12 V	-	-	-10% / +10%
5420507022	24 V	-	-	-10% / +10%
5428457022	-	24 V	24 V	-
5420507032	48 V	-	-	-10% / +10%
5428457072	-	110 V	110 V	-
5428457112	-	240 V	240 V	-
5420897022	24 V	-	-	-10% / +10%
5428117022	-	24 V	24 V	-
5428117072	-	110 V	110 V	-
5428117082	-	230 V	230 V	-
1824210222	12 V	24 V	24 V	-10% / +10%
1824210223	24 V	-	-	-10% / +10%
1824210221	-	110 V	110 V	-
1824210220	110 V	220 V	230 V	-10% / +10%

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5420507012	-	-	2,1 W	-
5420507022	-	-	2,1 W	-
5428457022	-20% / +10%	-10% / +20%	-	4,2 VA

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5420507032	-	-	2,2 W	-
5428457072	-20% / +10%	-10% / +20%	-	4,2 VA
5428457112	-20% / +10%	-10% / +20%	-	4,2 VA
5420897022	-	-	2,7 W	-
5428117022	-20% / +10%	-10% / +20%	-	5,2 VA
5428117072	-20% / +10%	-10% / +20%	-	4,8 VA
5428117082	-20% / +10%	-10% / +20%	-	5,6 VA
1824210222	-10% / +10%	-10% / +10%	6,2 W	7,4 VA
1824210223	-10% / +10%	-10% / +10%	4,4 W	-
1824210221	-10% / +10%	-10% / +10%	-	8 VA
1824210220	-10% / +10%	-10% / +10%	6 W	8 VA

Part No.	Holding power	Switch-on power	Switch-on power	Compatibility index	Weight
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
5420507012	-	-	-	13	0,096 kg
5420507022	-	-	-	13	0,096 kg
5428457022	3,2 VA	6,9 VA	5,6 VA	13	0,096 kg
5420507032	-	-	-	13	0,096 kg
5428457072	3,2 VA	6,9 VA	5,8 VA	13	0,096 kg
5428457112	3,2 VA	6,9 VA	5,8 VA	13	0,096 kg
5420897022	-	-	-	14	0,096 kg
5428117022	3,9 VA	-	-	14	0,096 kg
5428117072	3,6 VA	-	-	14	0,096 kg
5428117082	4,2 VA	-	-	14	0,096 kg
1824210222	5,2 VA	11,5 VA	9,5 VA	15	0,11 kg
1824210223	-	-	-	15	0,11 kg
1824210221	6,4 VA	11,5 VA	10,8 VA	15	0,11 kg
1824210220	9,1 VA	11,5 VA	12,6 VA	15	0,11 kg

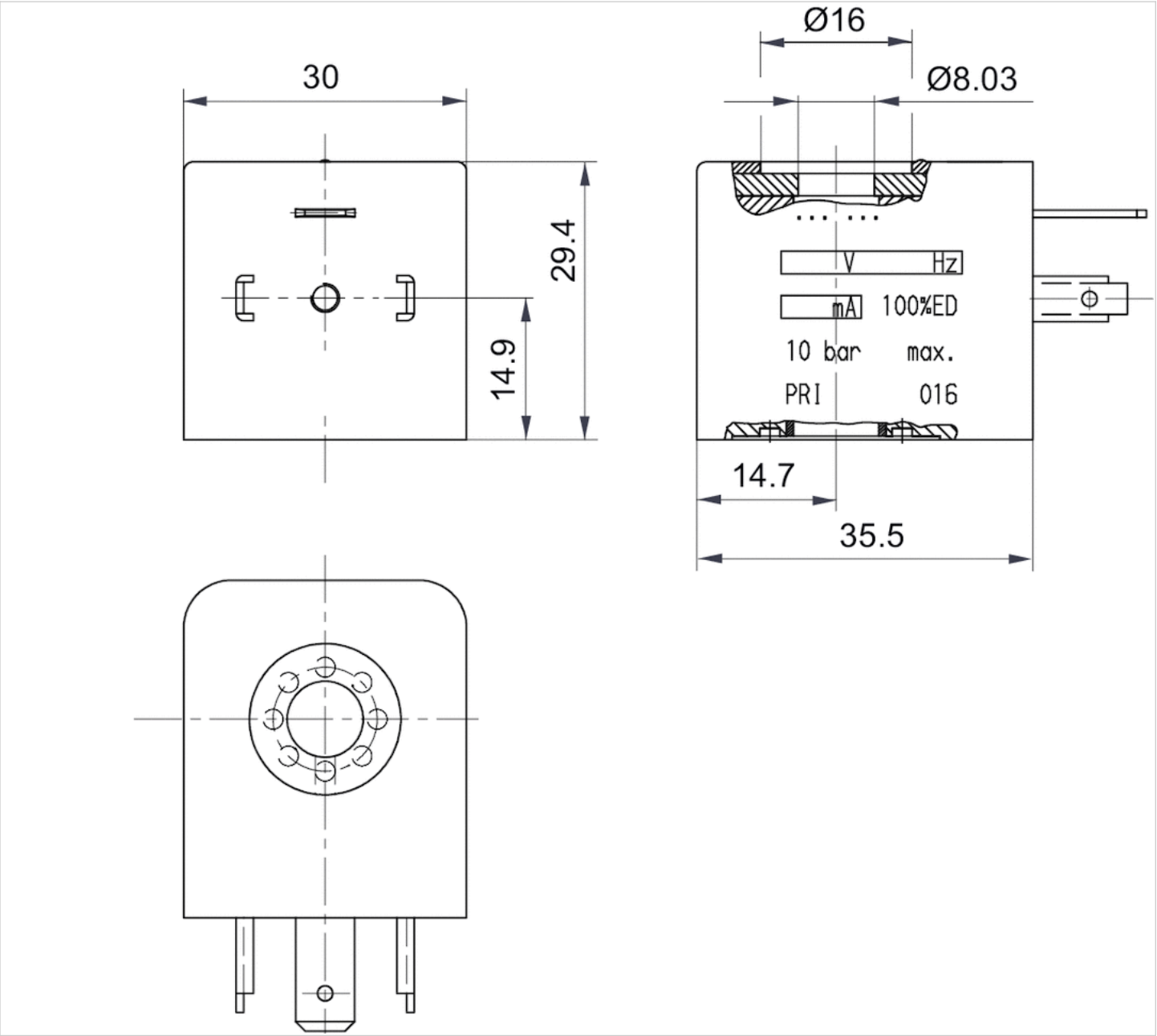
Technical information

Material

Housing	Thermoplastic elastomer
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Dimensions

Dimensions



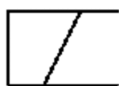
Coil, Series CO1

- form A
- Coil width 30 mm
- Power consumption,DC 10 W
- Holding power,AC 17 VA
- Switch-on power,AC 30 VA



Connector standard
electrical connections
Ambient temperature min./max.
Protection class,With valve plug
connector/plug
Duty cycle ED

EN 175301-803, form A
Plug, 3-pin
-20 ... 50 °C
IP65
100 %



Technical data

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
0498320503	12 V	-	-	-10% / +10%
0498319718	24 V	-	-	-10% / +10%
0498320406	48 V	-	-	-10% / +10%
0498320309	110 V	-	-	-10% / +10%
0498320201	220 V	-	-	-10% / +10%
0498319807	-	24 V	24 V	-
0498319904	-	110 V	110 V	-
0498322409	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
0498320503	-	-	10 W	-
0498319718	-	-	10 W	-
0498320406	-	-	10 W	-
0498320309	-	-	10 W	-
0498320201	-	-	10 W	-
0498319807	-10% / +10%	-10% / +10%	-	17 VA
0498319904	-10% / +10%	-10% / +10%	-	17 VA
0498322409	-10% / +10%	-10% / +10%	-	17 VA

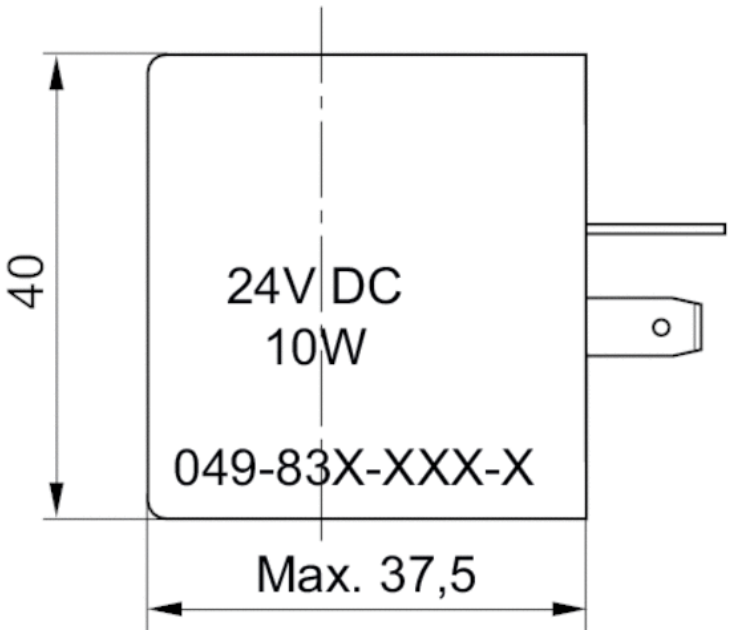
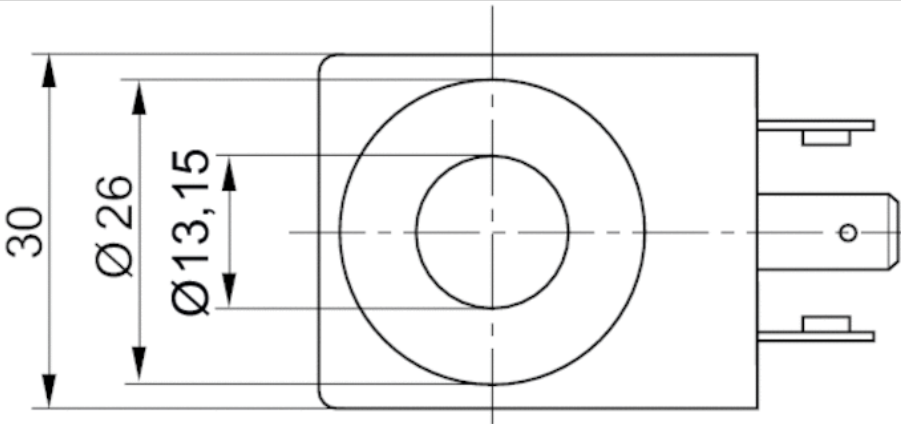
Part No.	Holding power	Switch-on power	Switch-on power
	AC 60 Hz	AC 50 Hz	AC 60 Hz
0498320503	-	-	-
0498319718	-	-	-
0498320406	-	-	-
0498320309	-	-	-
0498320201	-	-	-
0498319807	14,5 VA	30 VA	25 VA
0498319904	14,5 VA	30 VA	25 VA
0498322409	14,5 VA	30 VA	25 VA

Technical information

Material	
Housing	Thermoplastic elastomer

Dimensions

Dimensions



Coil, Series CO1

- With valve plug connector
- Coil width 30 mm
- Power consumption,DC 2.1 W
- Holding power,AC 4-4.1 VA
- Switch-on power,AC 4-4.1 VA
- ATEX



Certificates

ATEX class G

ATEX class D

Ambient temperature min./max.

Protection class

Duty cycle ED

Compatibility index

Weight

ATEX

II 3G Ex nA IIC T4 Gc X

II 3D Ex tc IIIC T125°C Dc X

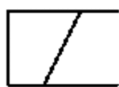
-10 ... 50 °C

IP65

100 %

13

See table below



Technical data

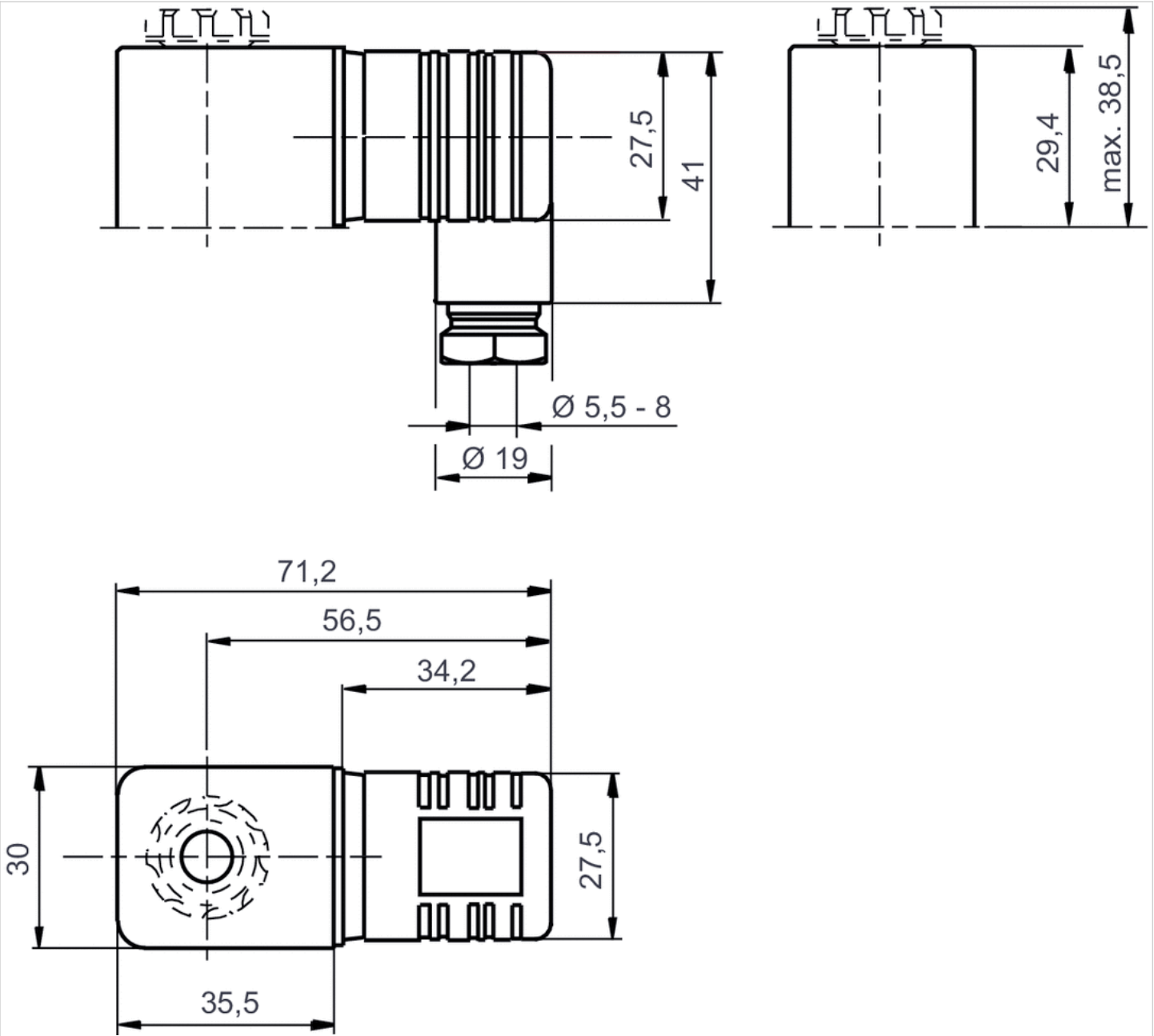
Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
R412000144	24 V	-	-	-10% / +10%
R412000145	-	24 V	24 V	-
R412000146	-	110 V	110 V	-
R412000147	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
R412000144	-	-	2,1 W	-
R412000145	-20% / +10%	-10% / +20%	-	4 VA
R412000146	-20% / +10%	-10% / +20%	-	4 VA
R412000147	-20% / +10%	-10% / +20%	-	4,1 VA

Part No.	Switch-on power	Weight
	AC 50 Hz	
R412000144	-	0,14 kg
R412000145	4 VA	0,134 kg
R412000146	4 VA	0,122 kg
R412000147	4,1 VA	0,137 kg

Dimensions

Dimensions



Coil, Series CO1

- Cable with valve plug connector
- Coil width 30 mm
- Power consumption,DC 3.25 W
- Holding power,AC 2.9-3 VA
- Switch-on power,AC 3-3.1 VA
- ATEX



Certificates

ATEX class G

ATEX class D

Ambient temperature min./max.

Protection class

Duty cycle ED

Compatibility index

Weight

ATEX

II 2G Ex mb IIC T4 Gb

II 2D Ex mb tb IIIC T130°C Db IP65

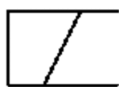
-20 ... 50 °C

IP65

100 %

14

See table below



Technical data

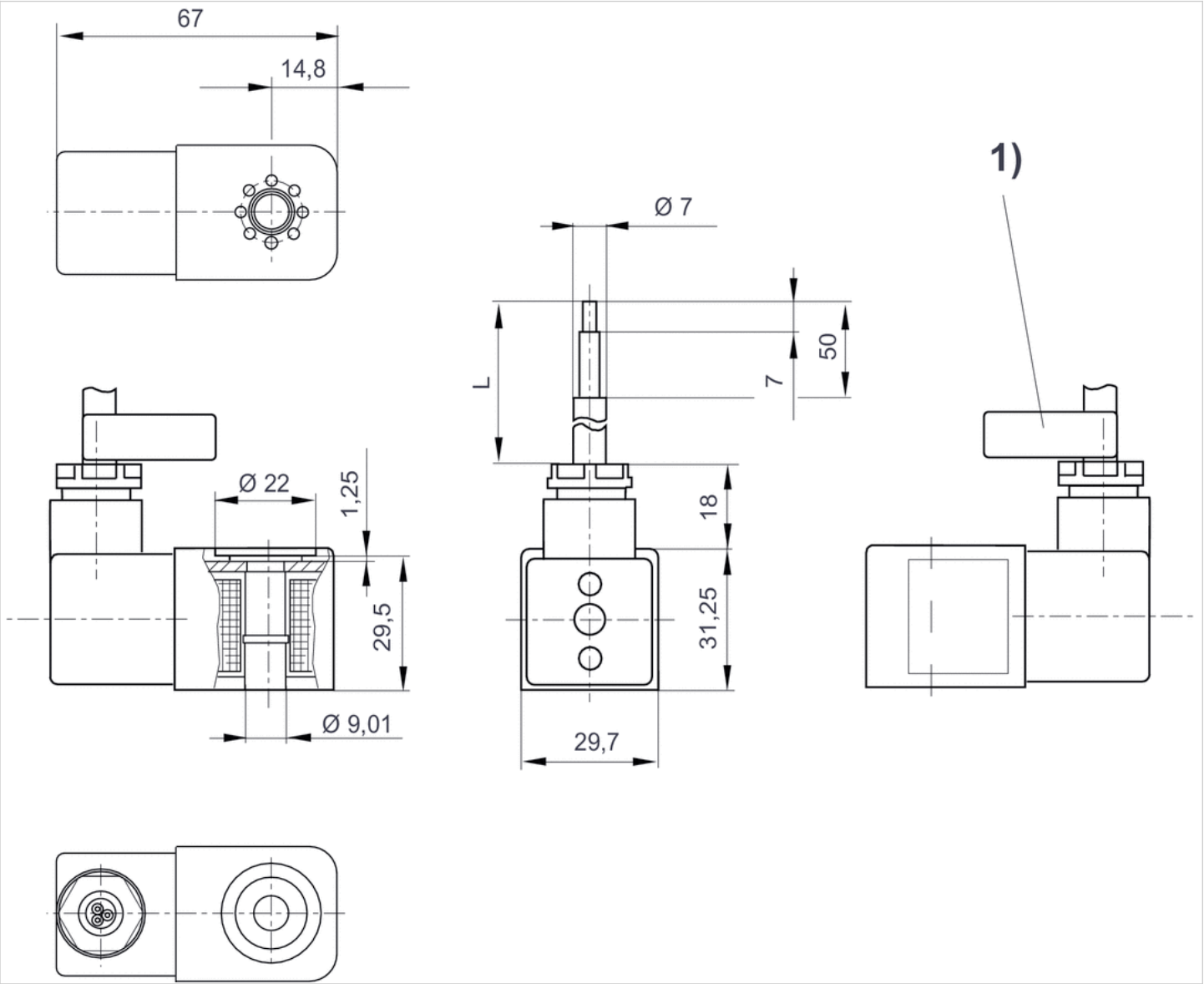
Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
1827414297	-	230 V	230 V	-
1827414298	-	230 V	230 V	-
1827414299	-	110 V	110 V	-
1827414300	-	110 V	110 V	-
1827414301	-	24 V	24 V	-
1827414302	-	24 V	24 V	-
1827414303	24 V	-	-	-10% / +10%
1827414304	24 V	-	-	-10% / +10%

Part No.	Voltage tolerance	Power consumption	Holding power	Switch-on power
	AC 50 Hz	DC	AC 50 Hz	AC 50 Hz
1827414297	-10% / +10%	-	3 VA	3,1 VA
1827414298	-10% / +10%	-	3 VA	3,1 VA
1827414299	-10% / +10%	-	2,9 VA	3 VA
1827414300	-10% / +10%	-	2,9 VA	3 VA
1827414301	-10% / +10%	-	2,9 VA	3 VA
1827414302	-10% / +10%	-	2,9 VA	3 VA
1827414303	-	3,25 W	-	-
1827414304	-	3,25 W	-	-

Part No.	Cable length	Weight
1827414297	3 m	0,38 kg
1827414298	10 m	0,91 kg
1827414299	3 m	0,38 kg
1827414300	10 m	0,38 kg
1827414301	3 m	0,38 kg
1827414302	10 m	0,91 kg
1827414303	3 m	0,38 kg
1827414304	10 m	0,91 kg

Dimensions

Dimensions



L = cable length
1) Cable ID band with serial number

Valve plug connector, series CON-VP

- Socket, form A, 2+E, angled, 90°
- open cable ends, 3-pin
- with cable
- unshielded



Ambient temperature min./max.	-20 ... 80 °C
Operationalvoltage	See table below
Protection class	IP67
Wire cross-section	0,75 mm²
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.		Operationalvoltage	Protective circuit	Contact assignment	LED status display
1834484160		230 V, AC/DC	-	2+E	-
1834484162		24 V, AC/DC	Z-diode	2+E	Yellow
1834484163		24 V, AC/DC	Z-diode	2+E	Yellow
1834484164		230 V, AC/DC	Varistor	2+E	Red
1834484165		230 V, AC/DC	Varistor	2+E	Red

Part No.	Number of wires	Cable-Ø	Cable length	Weight	Fig.	
1834484160	3	5,9 mm	3 m	0,2 kg	Fig. 1	1)
1834484162	3	5,9 mm	3 m	0,2 kg	Fig. 2	-
1834484163	3	5,9 mm	5 m	0,31 kg	Fig. 2	-
1834484164	3	5,9 mm	3 m	0,2 kg	Fig. 2	-
1834484165	3	5,9 mm	5 m	0,31 kg	Fig. 2	-

1) Scope of delivery incl. flat gasket

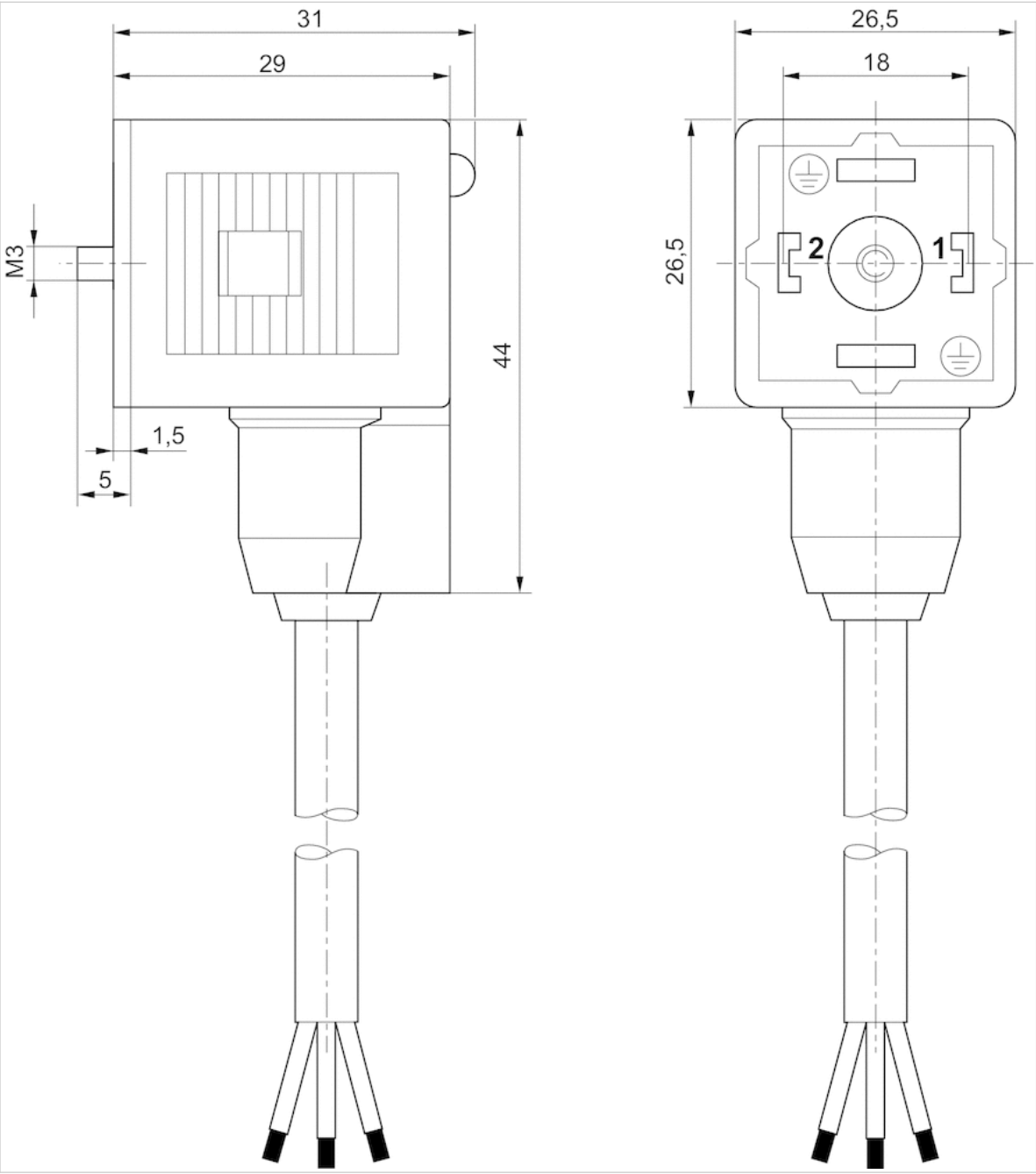
Technical information

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

Technical information

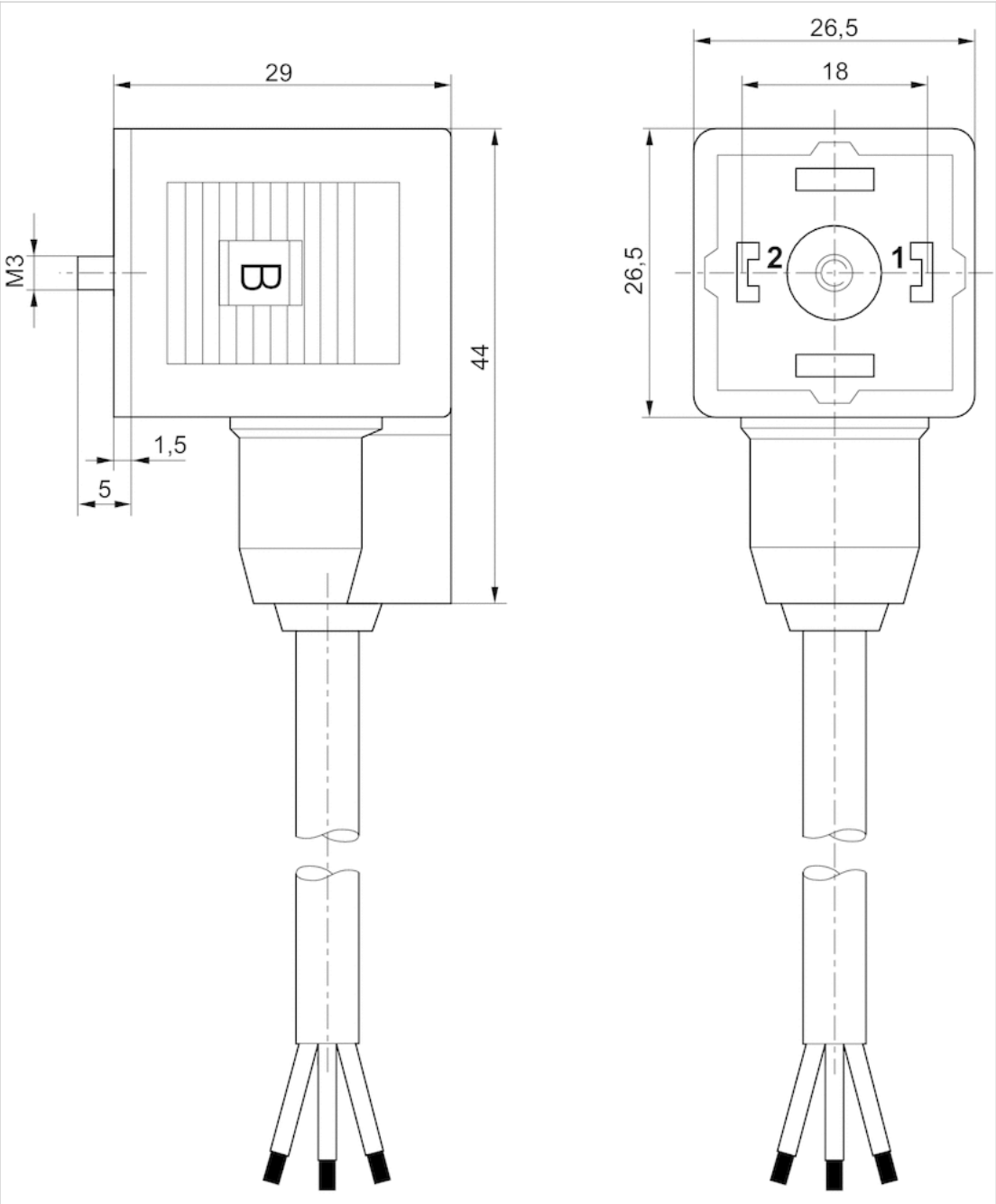
Material	
Seals	caoutchouc/butadiene caoutchouc
Cable sheath	Polyvinyl chloride

Fig. 2



Dimensions

Fig. 1



Valve plug connector, series CON-VP

- Socket, form A, 2+E, angled, 90°, Socket, form A, 3+E, angled, 90°

- EN 175301-803

- unshielded

- with LED Yellow, Red, Green, green/red



Connection type

Ambient temperature min./max.

Operational voltage

Protection class

Mounting screw tightening torque

Weight

Screws

-40 ... 90 °C

See table below

IP65

0,4 Nm

See table below

Technical data

Part No.		Electrical connection	Operational voltage	Max. current
		1		
1834484048		Socket, form A, 2+E, angled, 90°	300 V, DC	10 A
1834484059		Socket, form A, 3+E, angled, 90°	300 V, DC	10 A
1834484101		Socket, form A, 2+E, angled, 90°	24 V, AC/DC	-
1834484102		Socket, form A, 2+E, angled, 90°	110 V, AC	-
1834484103		Socket, form A, 2+E, angled, 90°	230 V, AC	-
8941016112		Socket, form A, 2+E, angled, 90°	230 V, AC	-
8941012462		Socket, form A, 3+E, angled, 90°	24 V, DC	8 A

Part No.	Protective circuit	Contact assignment	LED status display	suitable cable-Ø min./max
1834484048	-	2+E	-	6 / 8 mm
1834484059	-	3+E	-	6 / 8 mm
1834484101	Z-diode	2+E	Yellow	6 / 8 mm
1834484102	Varistor	2+E	Red	6 / 8 mm
1834484103	Varistor	2+E	Red	6 / 8 mm
8941016112	Varistor	2+E	Green	6 / 10 mm
8941012462	-	3+E	green/red	4,5 / 11 mm

Part No.	Seal	Weight	
1834484048	caoutchouc/butadiene caoutchouc	0,03 kg	1)
1834484059	caoutchouc/butadiene caoutchouc	0,03 kg	1)
1834484101	Silicone caoutchouc	0,03 kg	2)
1834484102	caoutchouc/butadiene caoutchouc	0,03 kg	1)
1834484103	Silicone caoutchouc	0,025 kg	1)
8941016112	caoutchouc/butadiene caoutchouc	0,03 kg	1)
8941012462	caoutchouc/butadiene caoutchouc	0,03 kg	-

- 1) Profile seal
- 2) Flat gasket

Technical information

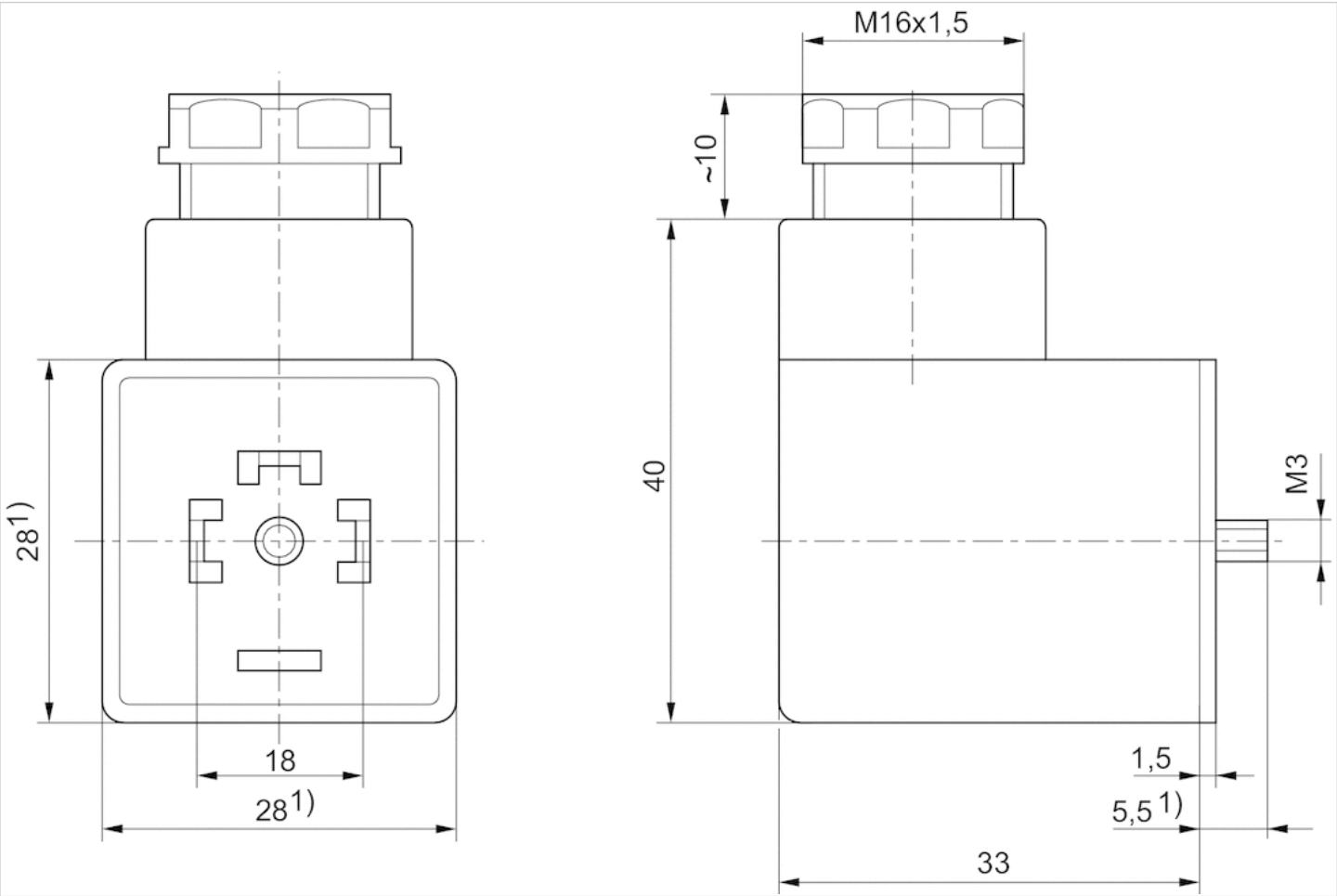
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc, Silicone caoutchouc

Dimensions

Dimensions



1) Max.

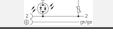
Valve plug connector, series CON-VP

- Socket, form B, 2+E, angled, 90°
- ISO 6952
- unshielded
- with LED Yellow, Red, Red



Connection type	Screws
Ambient temperature min./max.	-25 ... 50 °C
Operationalvoltage	See table below
Protection class	IP65
Mounting screw tightening torque	0,4 Nm
Weight	0,02 kg

Technical data

Part No.		Operationalvoltage	Max. current	Protective circuit	Contact assignment
1834484096		300 V, DC	10 A	-	2+E
1834484104		24 V, AC/DC	-	Z-diode	2+E
1834484105		110 V, AC	-	Varistor	2+E
1834484106		230 V, AC	-	Varistor	2+E

Part No.	LED status display	suitable cable-Ø min./max	Seal	Fig.
1834484096	-	5 / 8 mm	caoutchouc/butadiene caoutchouc	Fig. 1
1834484104	Yellow	6 / 8 mm	Silicone caoutchouc	Fig. 2
1834484105	Red, Red	6 / 8 mm	Silicone caoutchouc	Fig. 2
1834484106	Red, Red	6 / 8 mm	Silicone caoutchouc	Fig. 2

Profile seal, Flat gasket

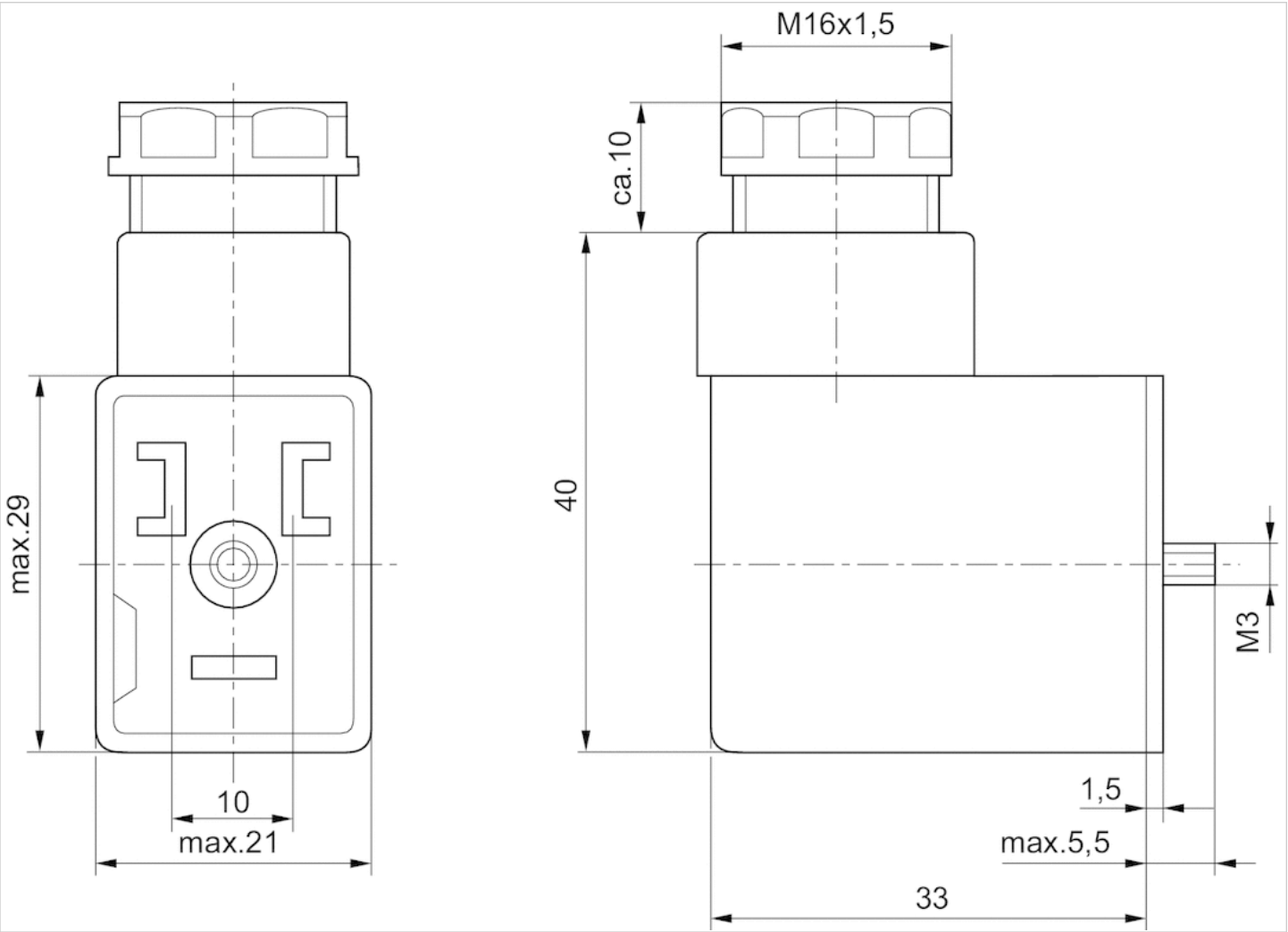
Technical information

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

Technical information

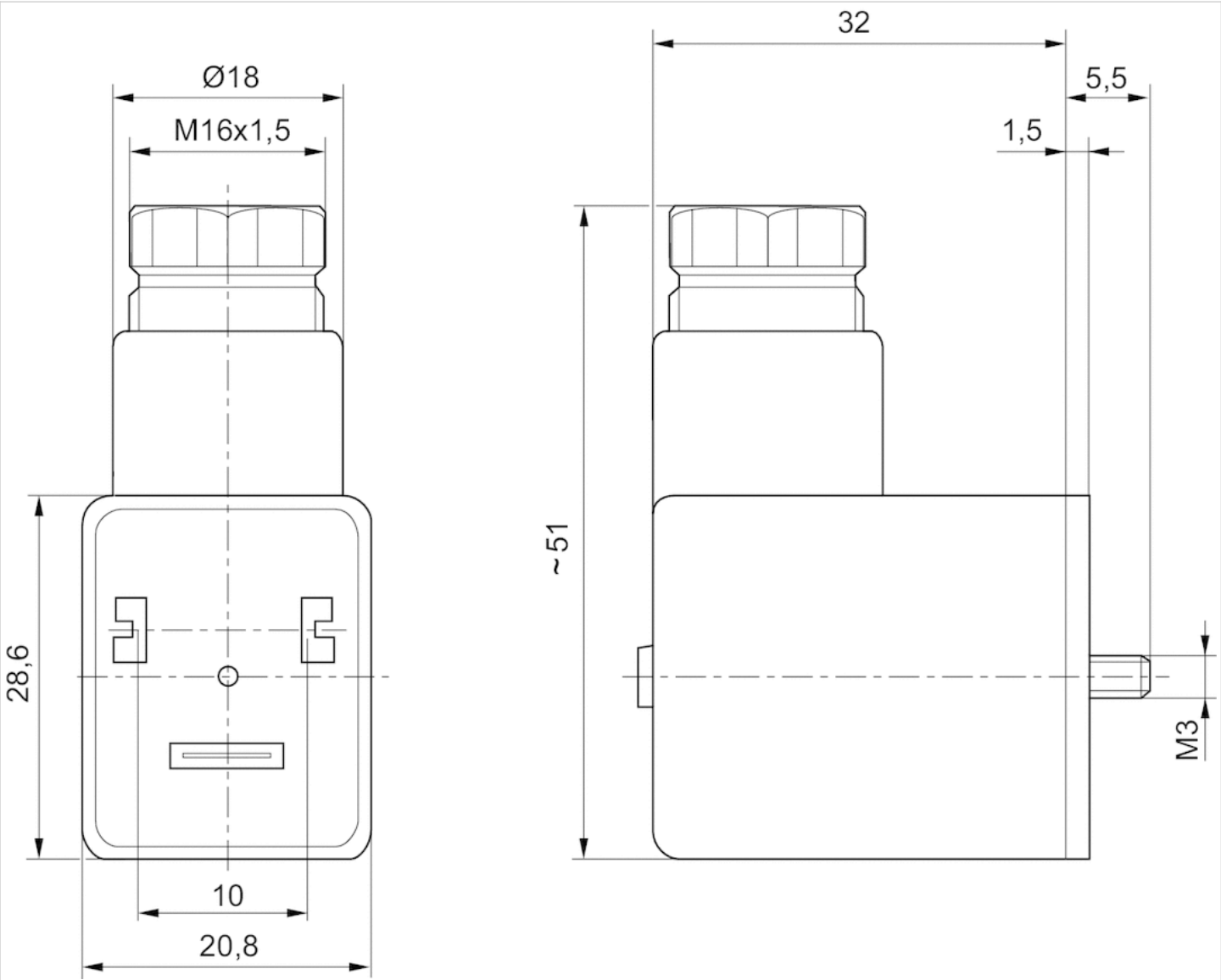
Material	
Seals	caoutchouc/butadiene caoutchouc, Silicone caoutchouc

Fig. 2



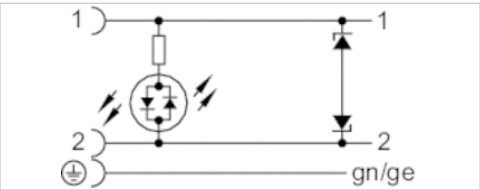
Dimensions

Fig. 1



Valve plug connector, series CON-VP

- Socket, form B, 2+E, angled, 90°
- open cable ends, 3-pin
- with cable
- unshielded



Ambient temperature min./max.	-20 ... 80 °C
Operationalvoltage	24 V, AC/DC
Protection class	IP67
Protective circuit	Z-diode
Wire cross-section	0,75 mm²
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.	Max. current	Contact assignment	LED status display	Number of wires	Cable-Ø	Cable length	Weight	Fig.
1834484152	10 A	2+E	Yellow	3	5,9 mm	3 m	0,2 kg	Fig. 1
1834484153	10 A	2+E	Yellow	3	5,9 mm	3 m	0,2 kg	Fig. 2
1834484154	10 A	2+E	Yellow	3	5,9 mm	5 m	0,31 kg	Fig. 1
1834484155	10 A	2+E	Yellow	3	5,9 mm	5 m	0,31 kg	Fig. 2

Scope of delivery incl. flat gasket

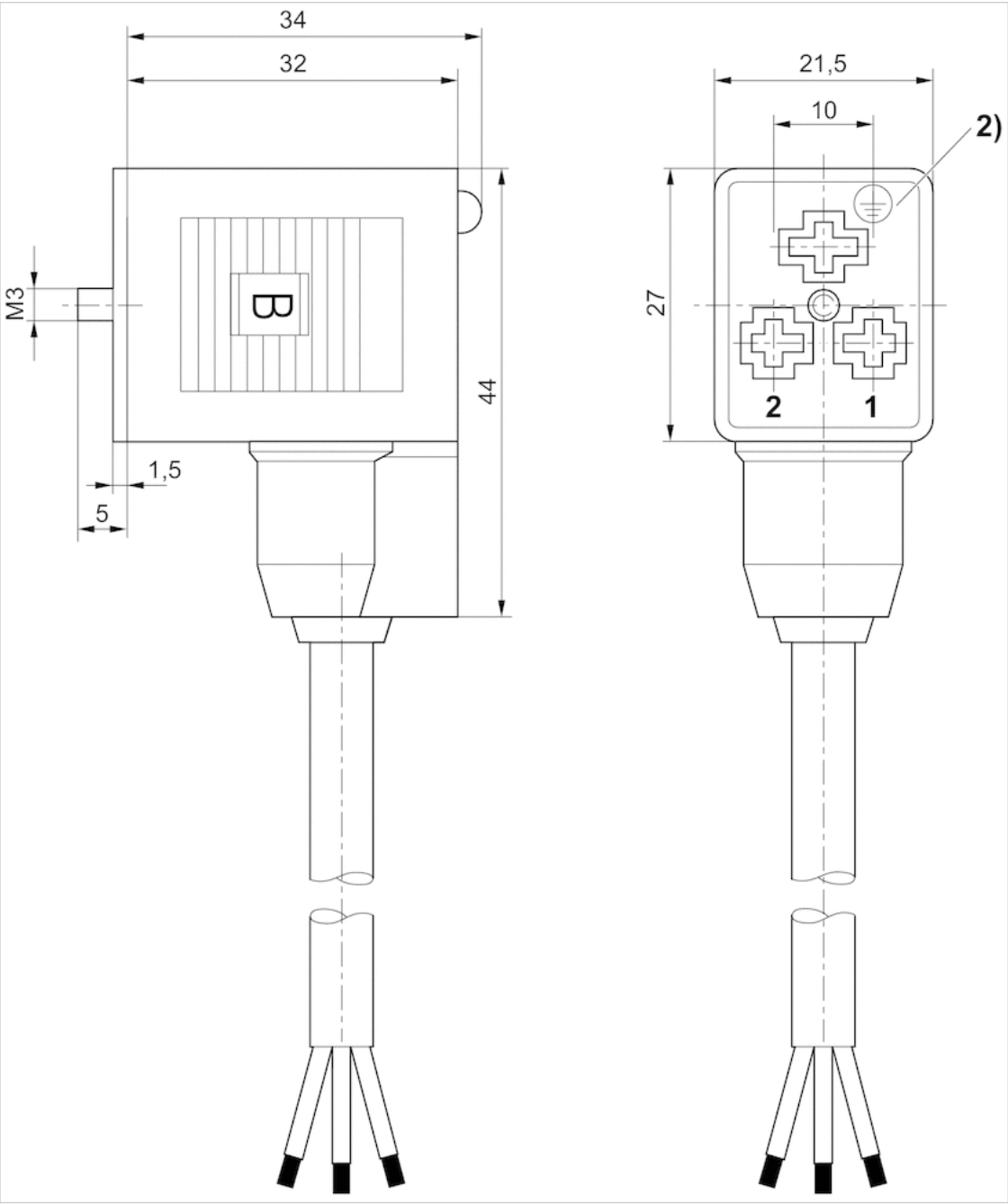
Technical information

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

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc
Cable sheath	Polyvinyl chloride

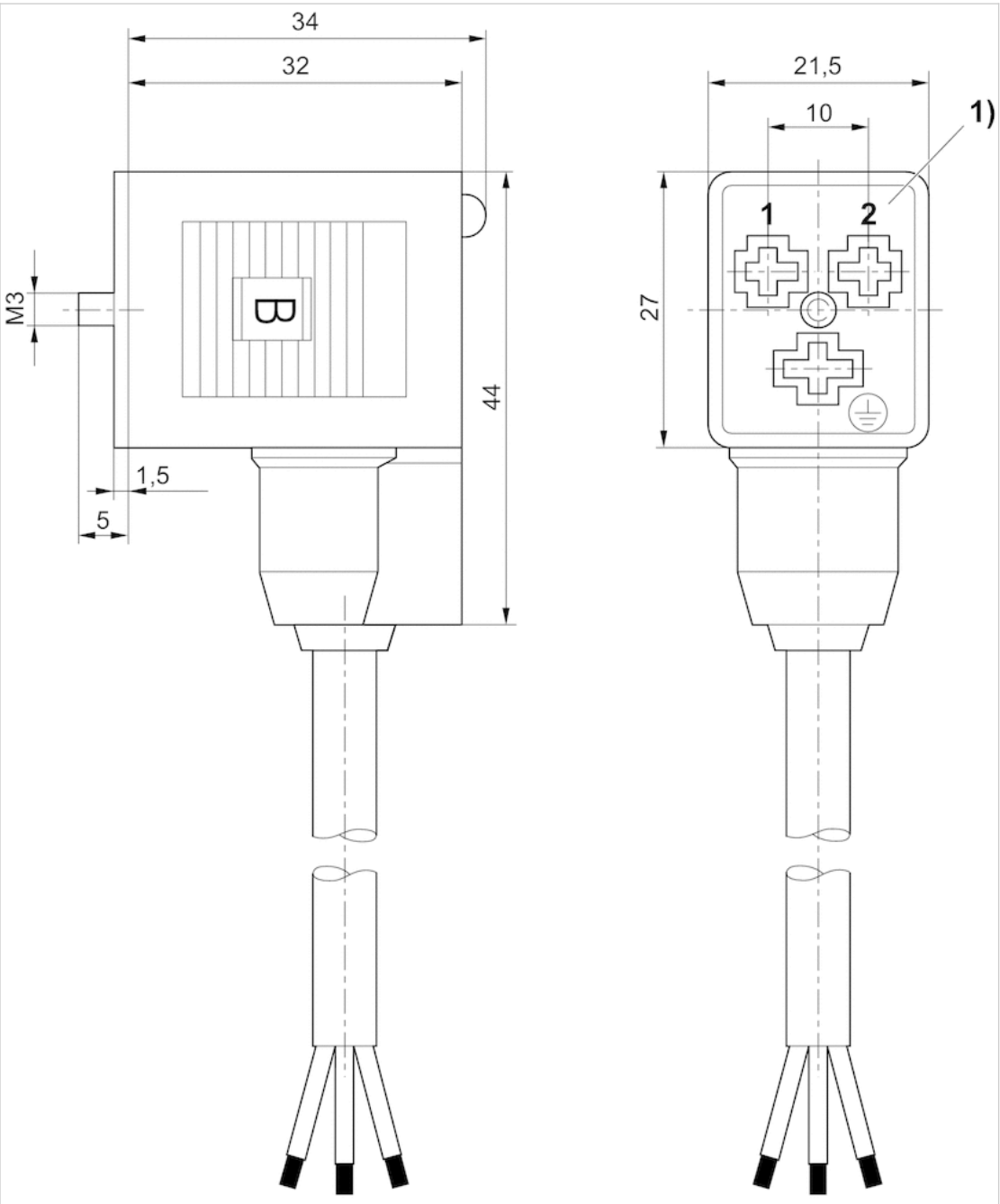
Fig. 2



2) 180° female insert

Dimensions

Fig. 1



1) 0° female insert

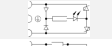
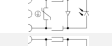
Valve plug connector, series CON-VP

- Socket, Form B, industry, 2+E, angled, 90°
- Industry standard
- unshielded
- with LED Yellow, Red



Connection type	Screws
Ambient temperature min./max.	-25 ... 50 °C
Operational voltage	See table below
Protection class	IP65
Mounting screw tightening torque	0,4 Nm
Weight	0,02 kg

Technical data

Part No.		Operational voltage	Max. current	Protective circuit	Contact assignment
1834484051		300 V, DC	10 A	-	2+E
1834484107		24 V, AC/DC	-	Z-diode	2+E
1834484108		110 V, AC	-	Varistor	2+E
1834484109		230 V, AC	-	Varistor	2+E

Part No.	LED status display	suitable cable-Ø min./max	Seal	Fig.	
1834484051	-	4 / 8 mm	caoutchouc/butadiene caoutchouc	Fig. 1	1)
1834484107	Yellow	6 / 8 mm	Silicone caoutchouc	Fig. 2	2)
1834484108	Red	6 / 8 mm	Silicone caoutchouc	Fig. 2	1)
1834484109	Red	4 / 8 mm	Silicone caoutchouc	Fig. 2	2)

1) Profile seal

2) Flat gasket,

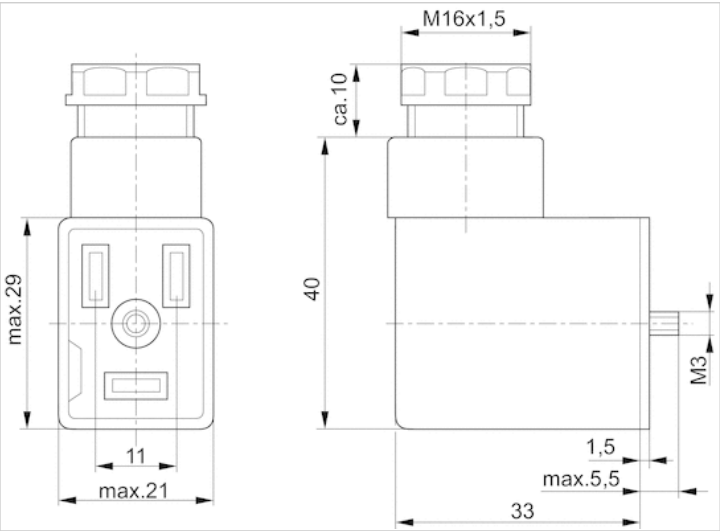
Technical information

For security reasons, the valve plug connector must be plugged properly and centrally.
The specified protection class is only valid in assembled and tested state.

Technical information

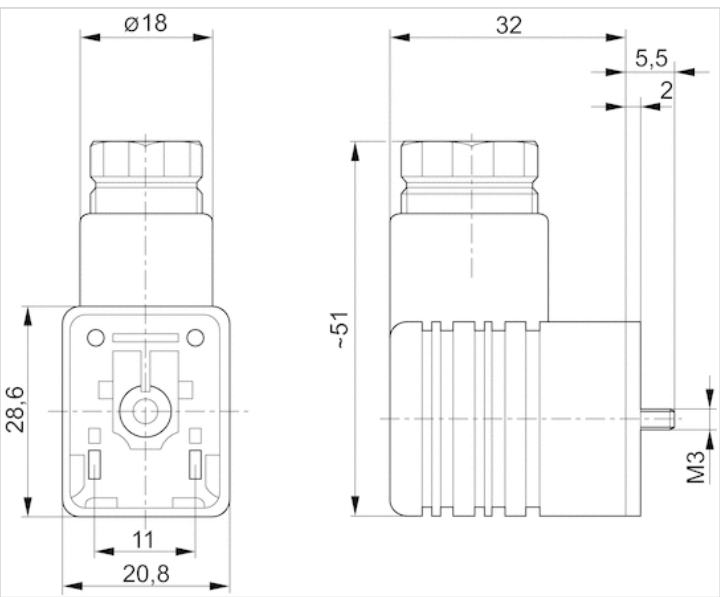
Material	
Seals	caoutchouc/butadiene caoutchouc, Silicone caoutchouc

Fig. 2



Dimensions

Fig. 1



Valve plug connector, series CON-VP

- Socket, Form B, industry, 2+E, angled, 90°
- open cable ends, 3-pin
- with cable
- unshielded



Ambient temperature min./max.	-20 ... 80 °C
Protection class	IP67
Wire cross-section	0,75 mm²
Mounting screw tightening torque	0,4 Nm
Weight	0,02 kg



Technical data

Part No.	Max. current	Contact assignment	Number of wires	Cable-Ø	Cable length
8946201912	4 A	2+E	3	5,9 mm	3 m

Technical information

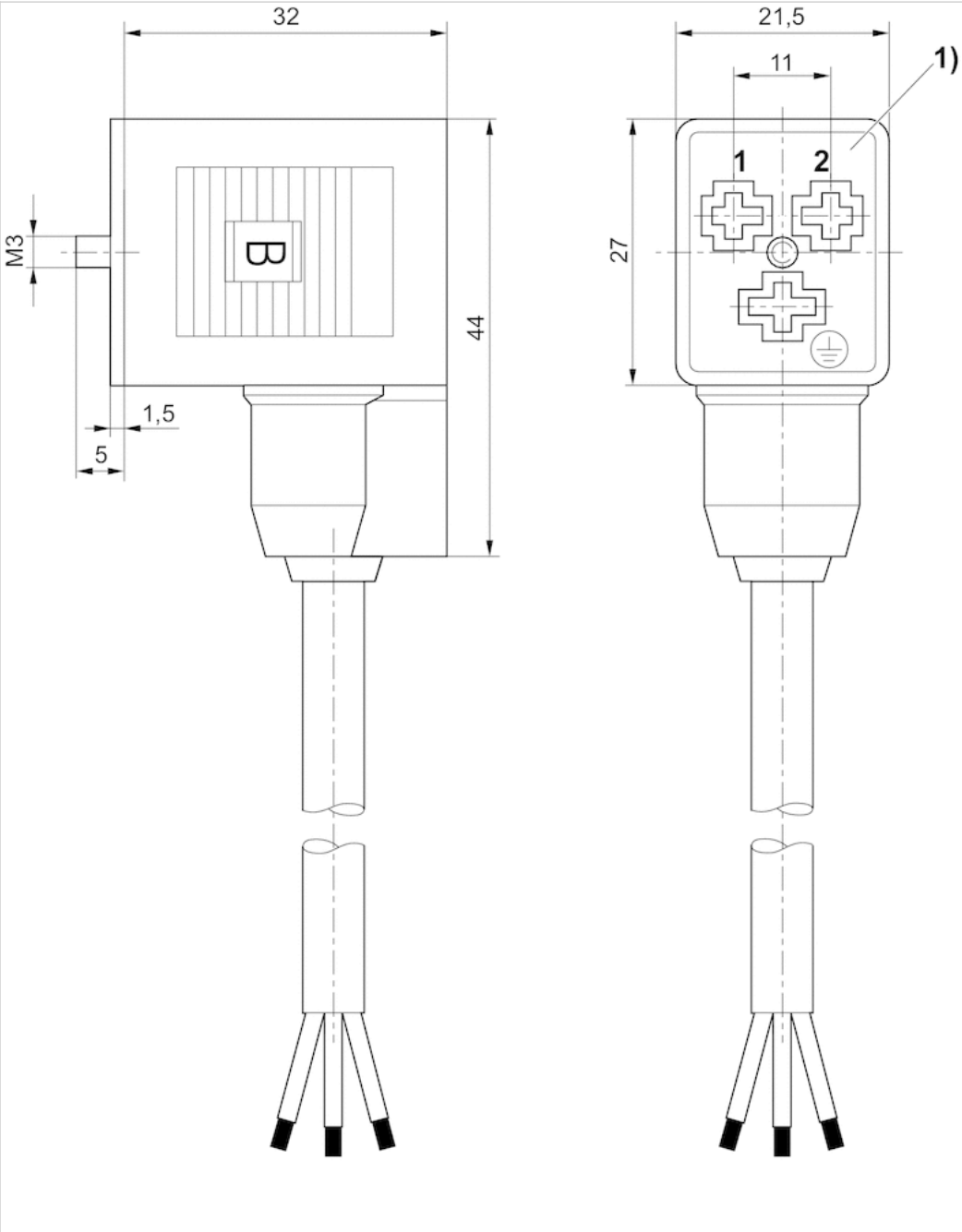
For security reasons, the valve plug connector must be plugged properly and centrally.
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Cable sheath	Polyvinyl chloride

Dimensions

Dimensions



1) 0° female insert

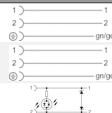
Valve plug connector, series CON-VP

- Socket, form C, 2+E, angled, 90°
- ISO 15217
- unshielded
- with LED Green



Connection type	Screws
Ambient temperature min./max.	-40 ... 90 °C
Operationalvoltage	See table below
Protection class	IP65
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.		Operationalvoltage	Max. current	Protective circuit	Contact assignment
1834484187		250 / 300 V, AC/DC	6 A	-	2+E
8941012202		250 / 300 V, AC/DC	6 A	-	2+E
4402050330		24 V, AC/DC	-	Z-diode	2+E

Part No.	LED status display	suitable cable-Ø min./max	Seal	Weight
1834484187	-	4 / 8 mm	caoutchouc/butadiene caoutchouc	0,012 kg
8941012202	-	4 / 8 mm	-	0,012 kg
4402050330	Green	-	-	0,014 kg

Part No.	Fig.	
1834484187	Fig. 1	-
8941012202	Fig. 2	-
4402050330	Fig. 3	1)

1)

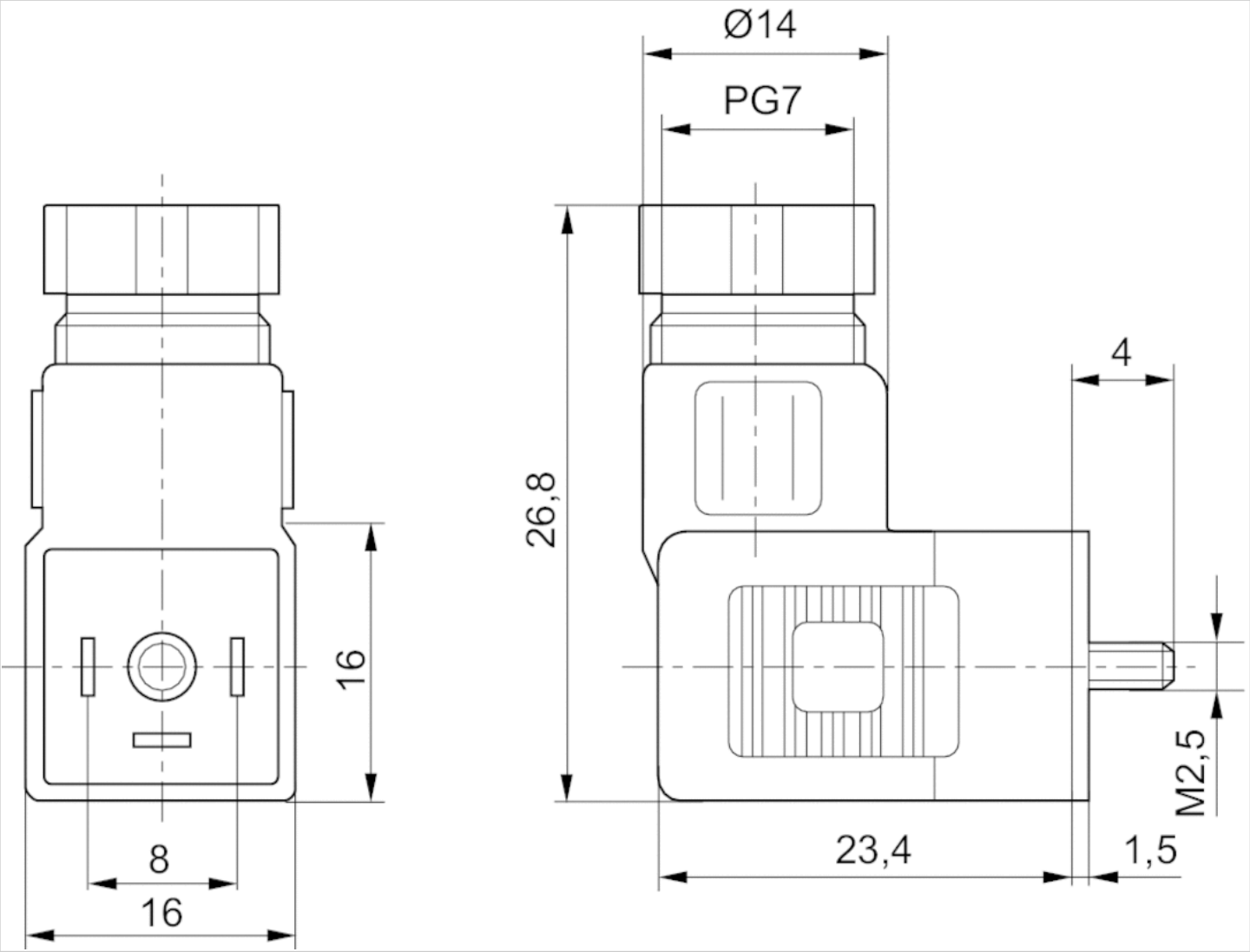
Technical information

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

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc

Fig. 3



Dimensions

Fig. 1

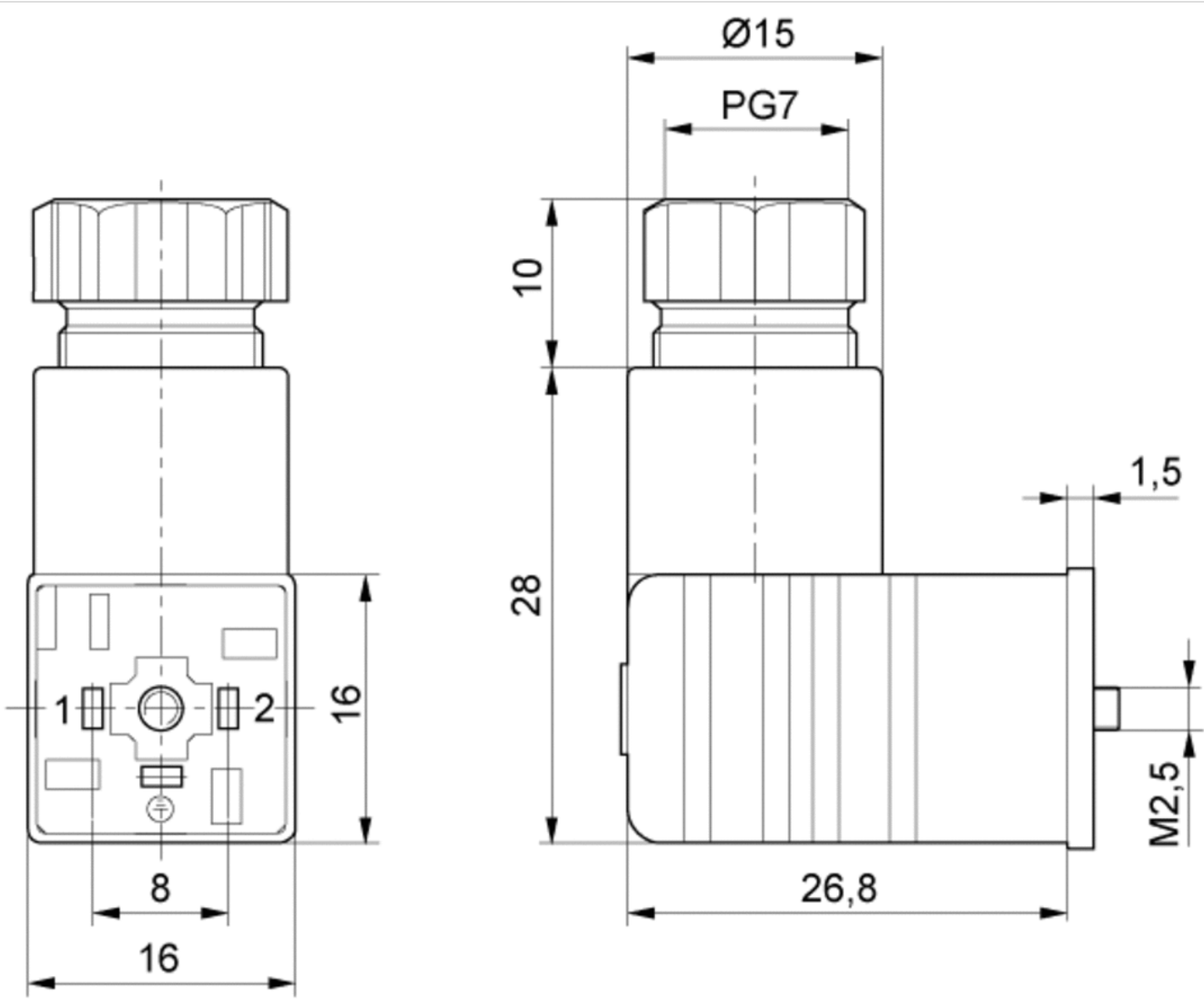
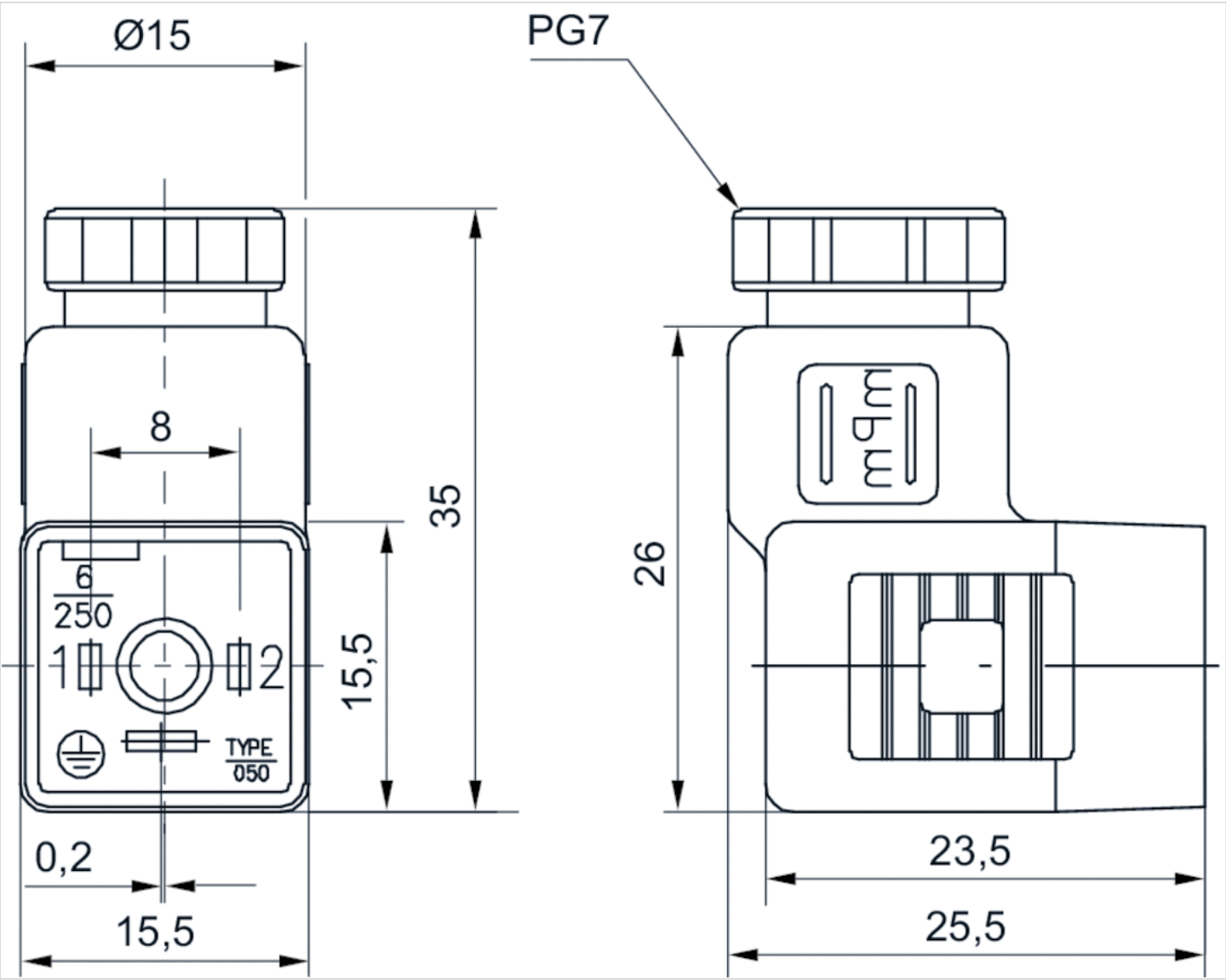


Fig. 2

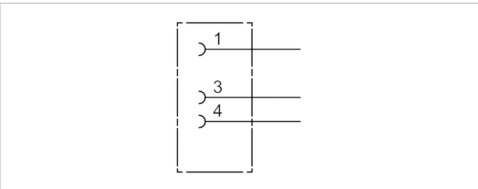


Round plug connector, Series CON-RD

- Socket, M8x1, 3-pin, A-coded, straight, 180°
- UL (Underwriters Laboratories)
- unshielded



Connection type	Soldering
Ambient temperature min./max.	-25 ... 80 °C
Operational voltage	48 V, AC/DC
Protection class	IP67
Weight	0,009 kg



Technical data

Part No.	Max. current	suitable cable-Ø min./max
1834484173	4 A	3,5 mm

Technical information

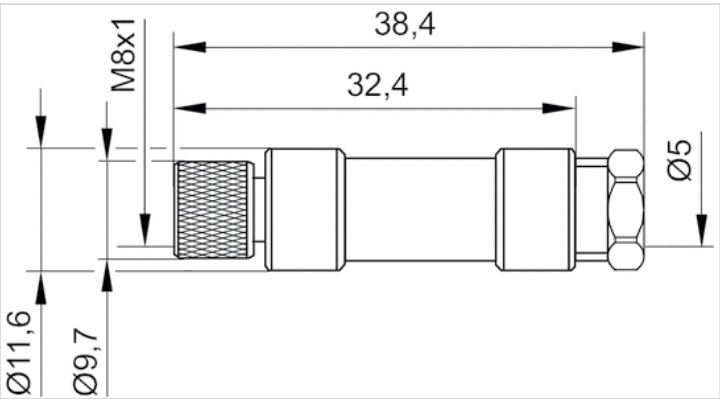
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Housing	Polyamide

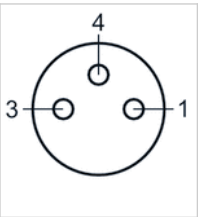
Dimensions

Dimensions



Pin assignments

Pin assignment socket



Round plug connector, Series CON-RD

- Socket, M8x1, 4-pin, A-coded, straight, 180°
- UL (Underwriters Laboratories)
- unshielded



Ambient temperature min./max.	-40 ... 85 °C
Operationalvoltage	48 V, AC/DC
Protection class	IP67
Weight	0,009 kg

Technical data

Part No.	Max. current	suitable cable-Ø min./max
1834484175	4 A	3,5 mm

Technical information

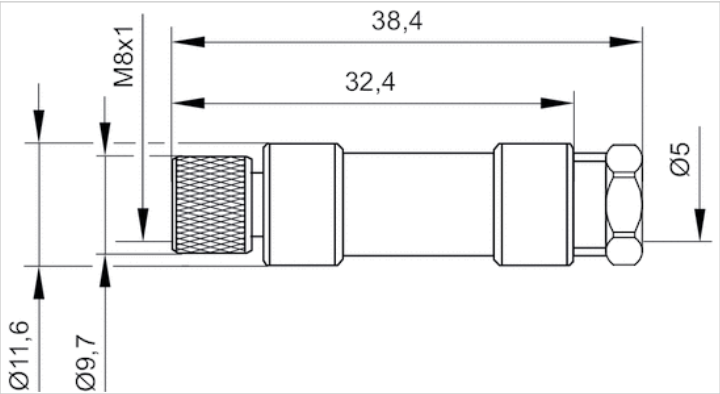
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Housing	Polyamide

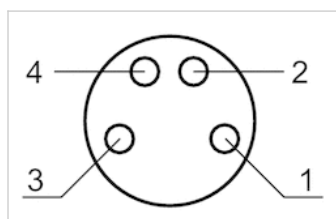
Dimensions

Dimensions



Pin assignments

Pin assignment socket

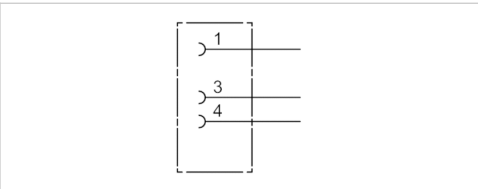


Round plug connector, Series CON-RD

- Socket, M8x1, 3-pin, A-coded, angled, 90°
- UL (Underwriters Laboratories)
- unshielded



Connection type	Soldering
Ambient temperature min./max.	-40 ... 85 °C
Operational voltage	48 V, AC/DC
Protection class	IP67
Weight	0,01 kg



Technical data

Part No.	Max. current	Contact assignment	suitable cable-Ø min./max
1834484174	4 A	3	3,5 / 5 mm

Technical information

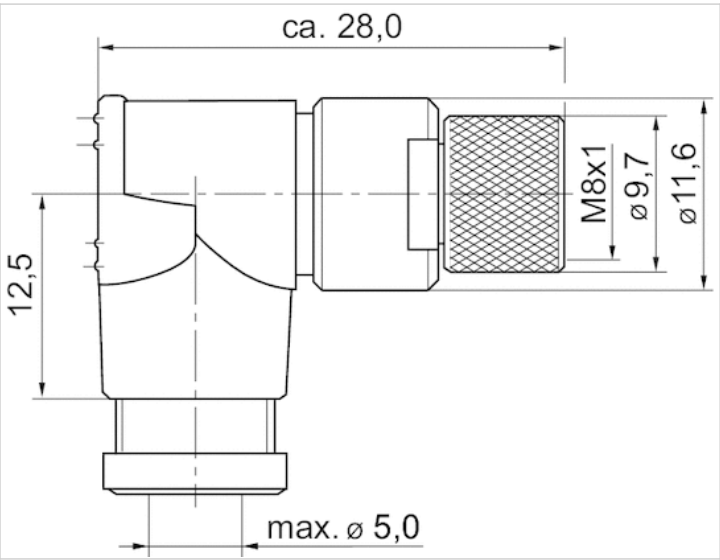
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Housing	Polyamide

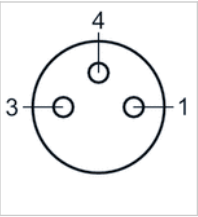
Dimensions

Dimensions



Pin assignments

Pin assignment socket



Round plug connector, Series CON-RD

- Socket, M8x1, 3-pin, A-coded, straight, 180°
- open cable ends
- with cable
- unshielded



Operationalvoltage	30 / 36 V, AC/DC
Protection class	IP67
Wire cross-section	0,34 mm²
Weight	See table below

Technical data

Part No.	Max. current	Number of wires	Cable-Ø	Cable length	Weight
8946201312	2,5 A	3	3,5 mm	2 m	0,066 kg
8946201332	2,5 A	3	3,5 mm	15 m	0,466 kg

Technical information

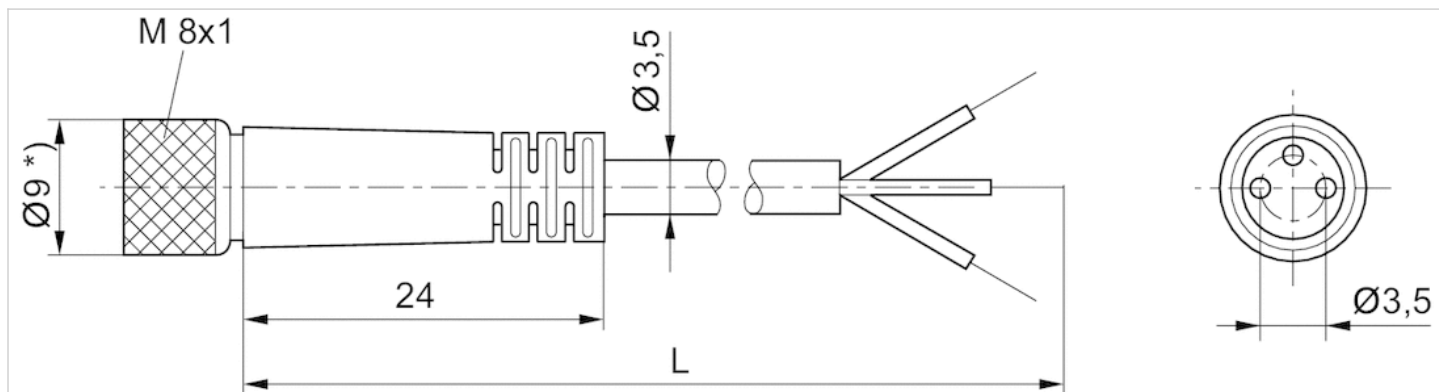
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Cable sheath	Polyvinyl chloride

Dimensions

Dimensions

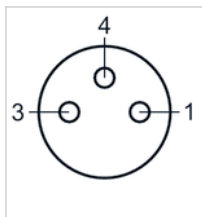


L = length

*) With 15 m cable length $\varnothing 12$

Pin assignments

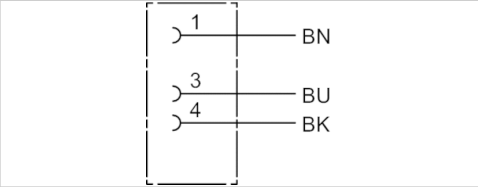
Pin assignment socket



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

Round plug connector, Series CON-RD

- Socket, M8x1, 3-pin, A-coded, angled, 90°
- open cable ends
- with cable
- unshielded



Ambient temperature min./max.	-40 ... 85 °C
Operationalvoltage	48 V, AC/DC
Protection class	IP67
Wire cross-section	0,24 mm²
Weight	See table below

Technical data

Part No.	Max. current	Number of wires	Cable-Ø	Cable length	Weight
1834484167	4 A	3	4,5 mm	3 m	0,087 kg
1834484169	4 A	3	4,5 mm	5 m	0,139 kg
1834484248	4 A	3	4,5 mm	10 m	0,279 kg

Technical information

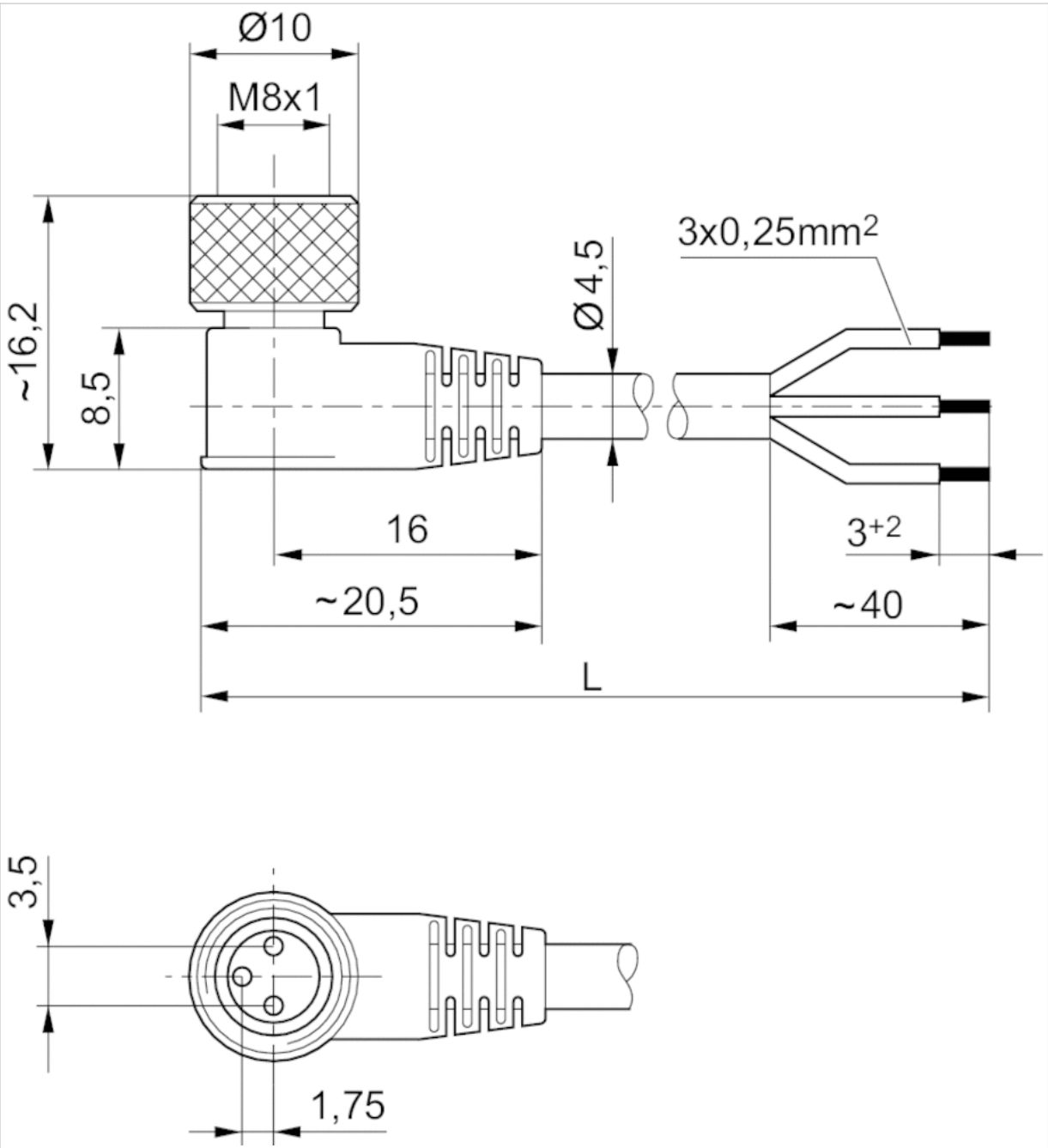
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Housing	Polyurethane
Cable sheath	Polyurethane

Dimensions

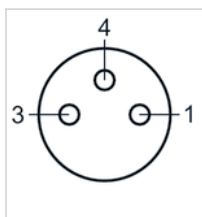
Dimensions



L = length

Pin assignments

Pin assignment socket



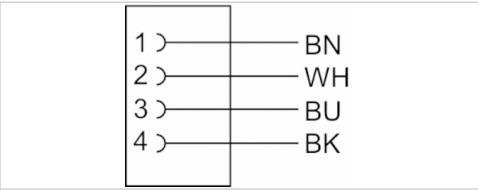
(1) BN=brown(3) BU=blue(4) BK=black

Round plug connector, Series CON-RD

- Socket, M8x1, 4-pin, A-coded, straight, 180°
- open cable ends
- with cable
- UL (Underwriters Laboratories)
- unshielded



Ambient temperature min./max.	-40 ... 85 °C
Operationalvoltage	48 V, AC/DC
Protection class	IP67
Wire cross-section	0,25 mm²
Weight	See table below



Technical data

Part No.	Max. current	Number of wires	Cable-Ø	Cable length	Certification	Weight
1834484144	4 A	4	4,5 mm	3 m	UL (Underwriters Laboratories)	0,087 kg
1834484146	4 A	4	4,5 mm	5 m	UL (Underwriters Laboratories)	0,14 kg

Technical information

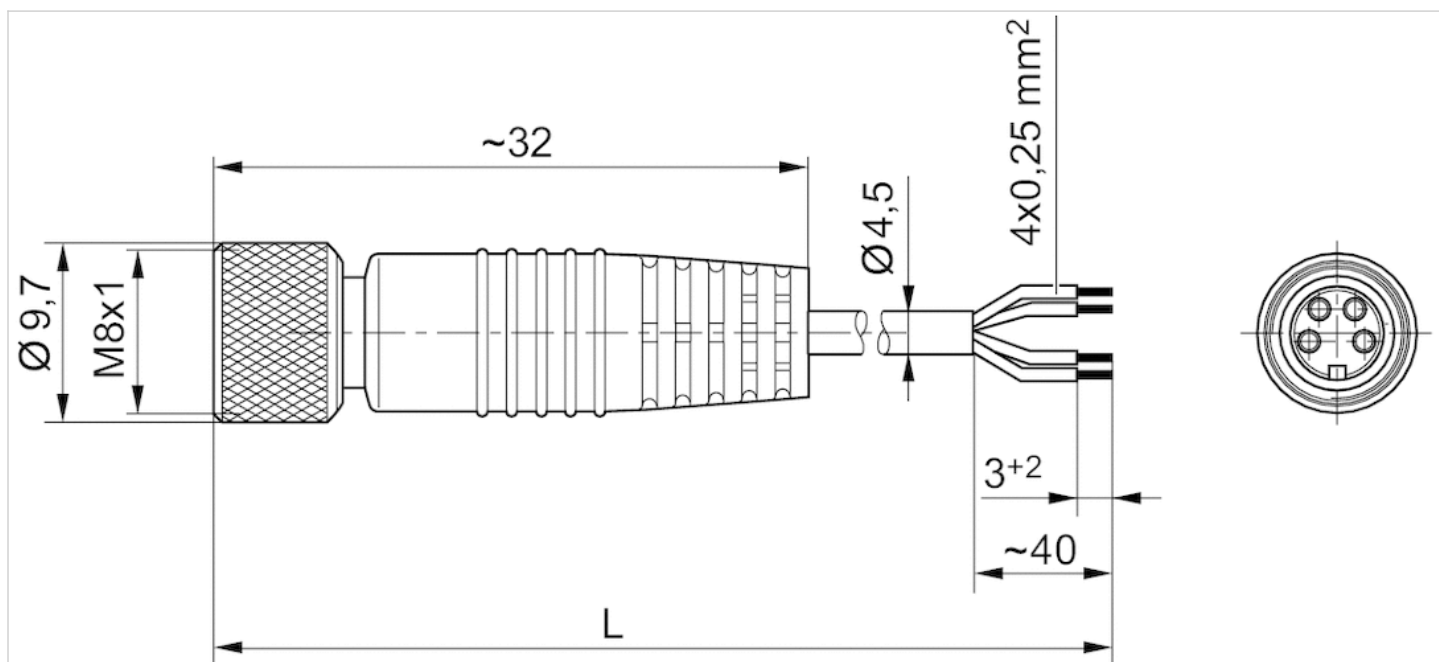
The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Housing	Polyurethane
Cable sheath	Polyurethane

Dimensions

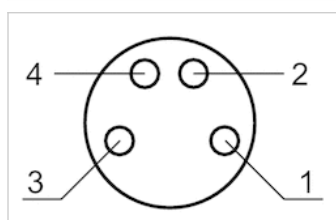
Dimensions



L = length

Pin assignments

Pin assignment socket



(1) BN=brown (2) WH=white (3) BU=blue (4) BK=black