Valve plug connector, series CON-VP



AVENTICS™ Valve plug connector, series CON-VP

EMERSON.

Valve plug connector, series CON-VP

- Socket, 2+E, angled, 90° Socket, 3+E, angled, 90°
- EN 175301-803
- unshielded
- with LED Yellow Red Green green/red



Connection type	Screws
Ambient temperature min./max.	-40 ... 90 °C
Operational voltage	See table below
Protection class	IP65
Mounting screw tightening torque	0.4 Nm
Weight	See table below

Technical data

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

1) Profile seal
2) Flat gasket

Technical information

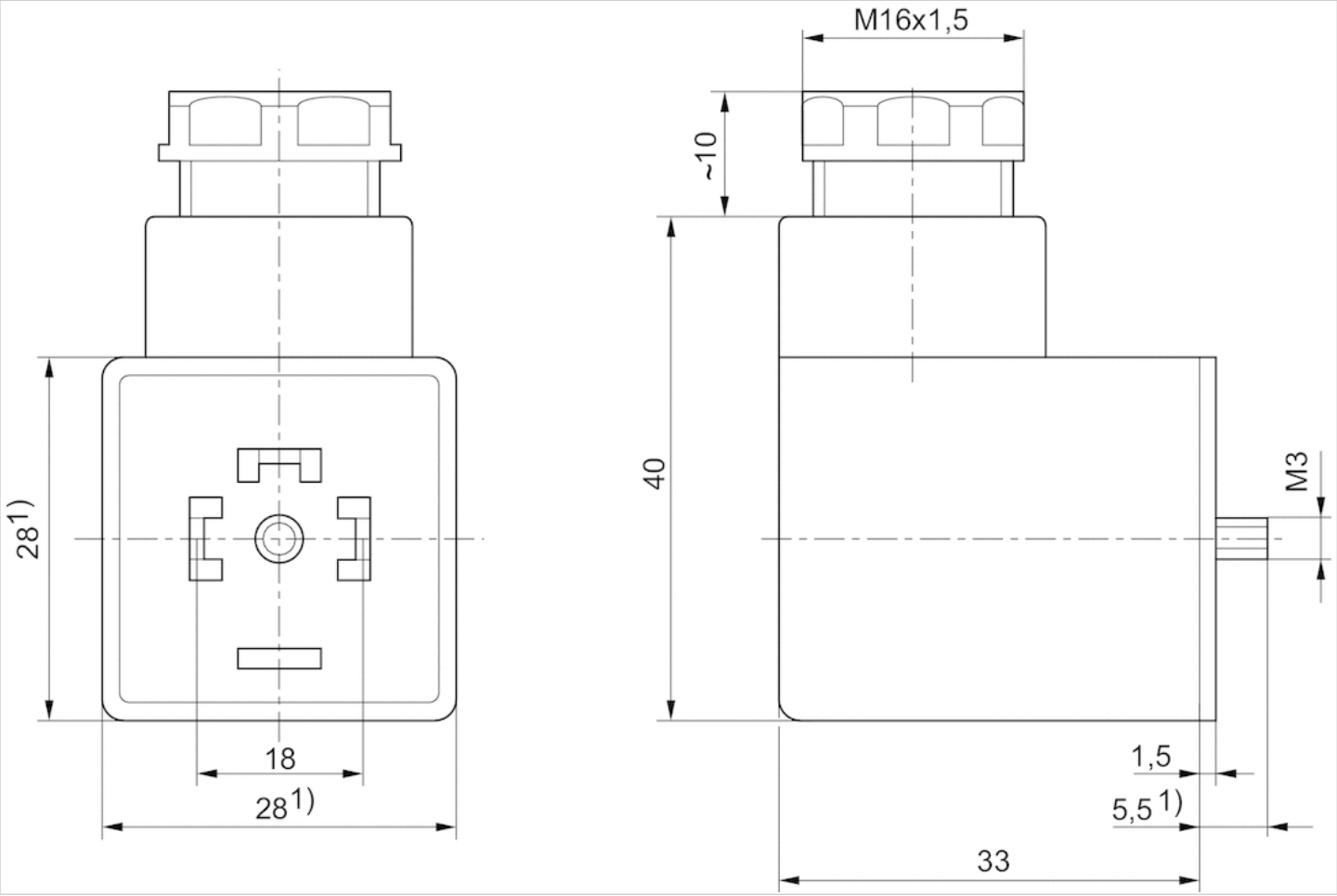
The specified protection class is only valid in assembled and tested state.

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
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
1834484096		-	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

Dimensions

Fig. 1

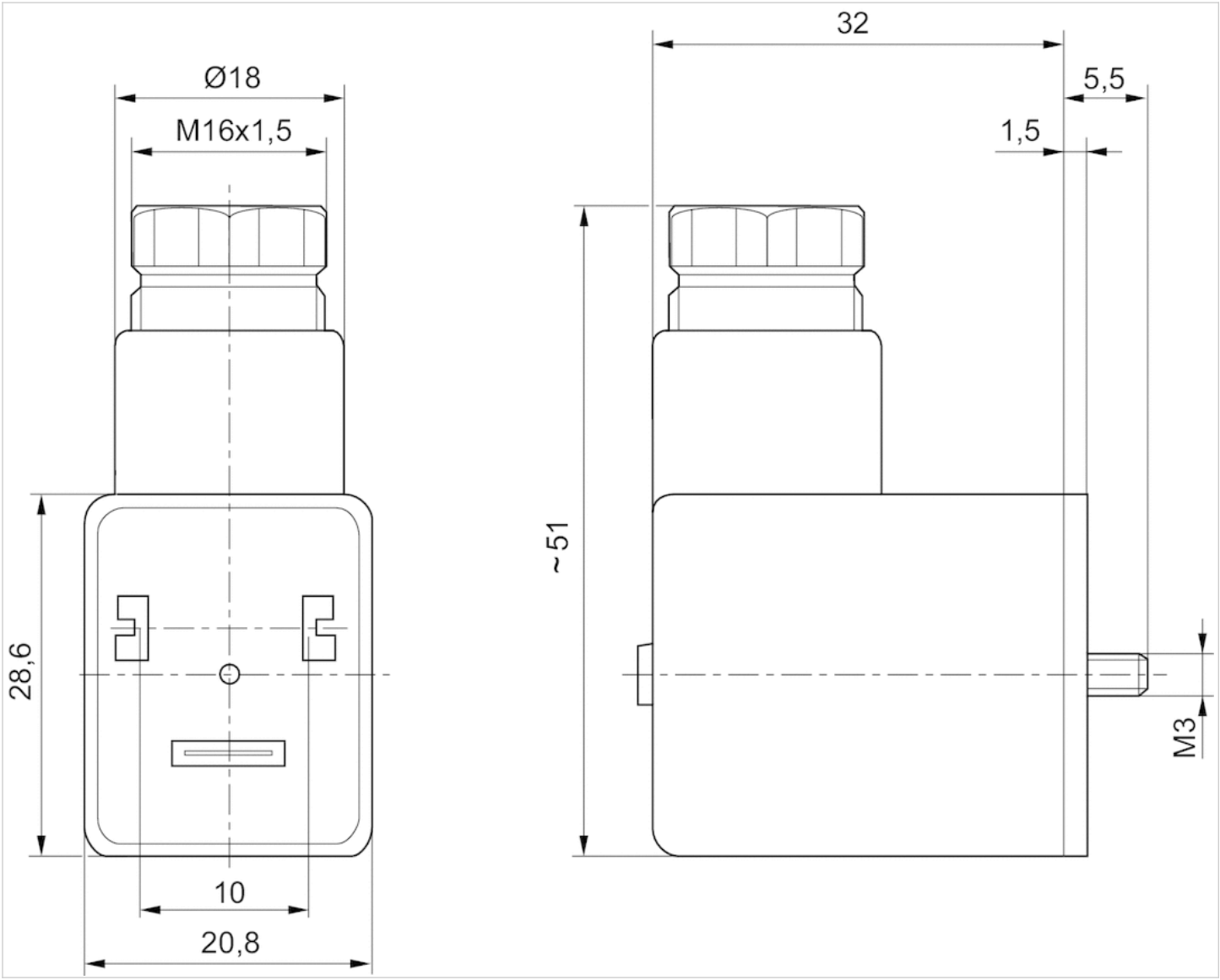
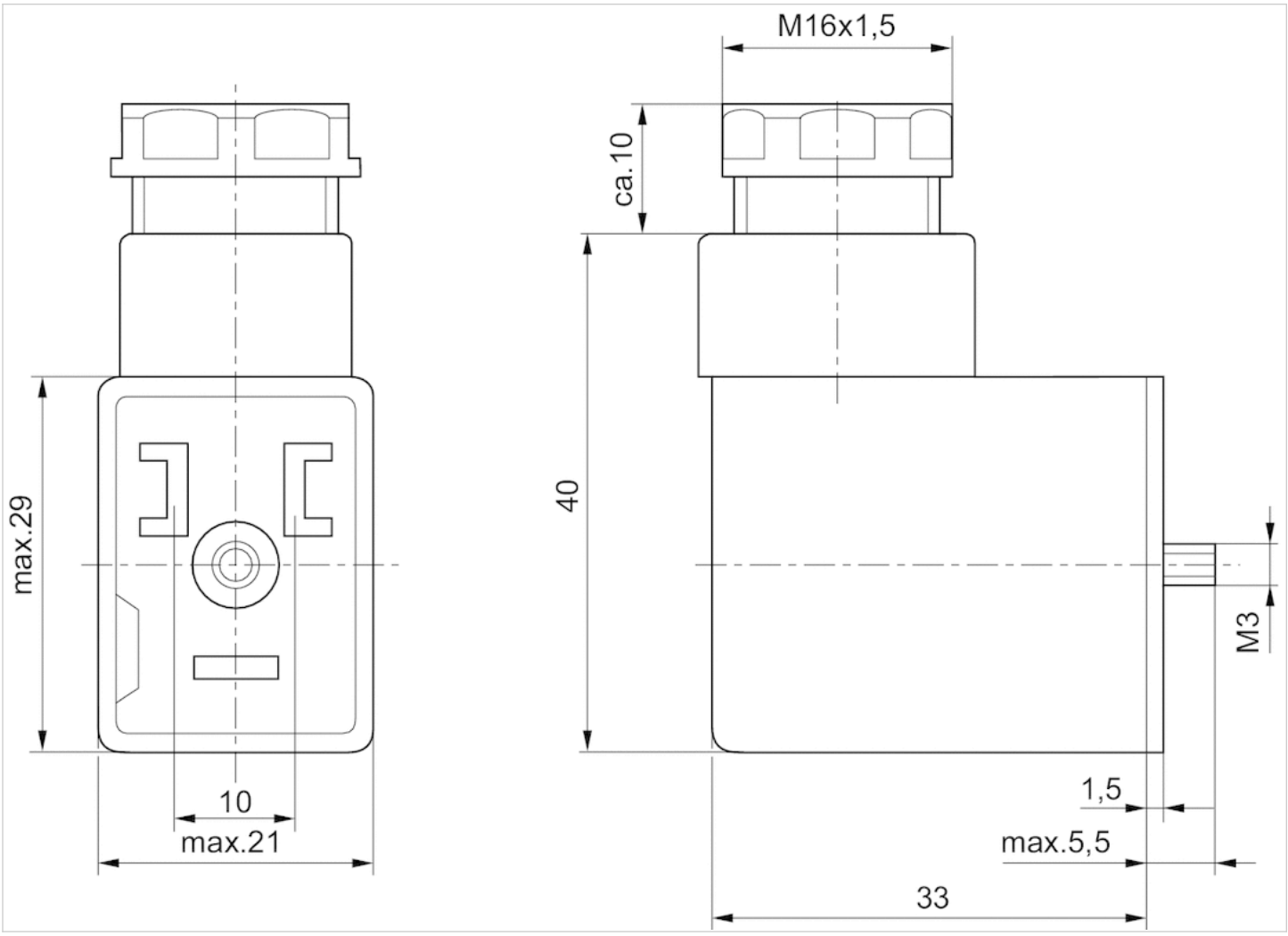


Fig. 2



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

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc Silicone caoutchouc

Dimensions

Fig. 1

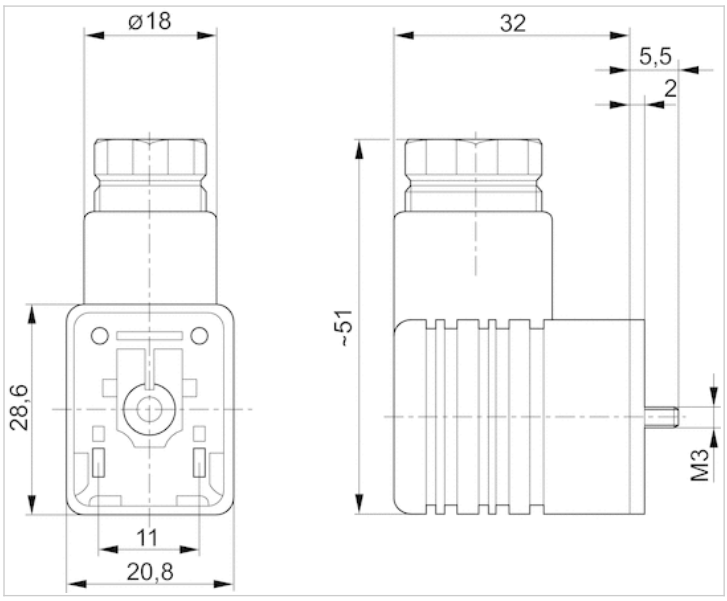
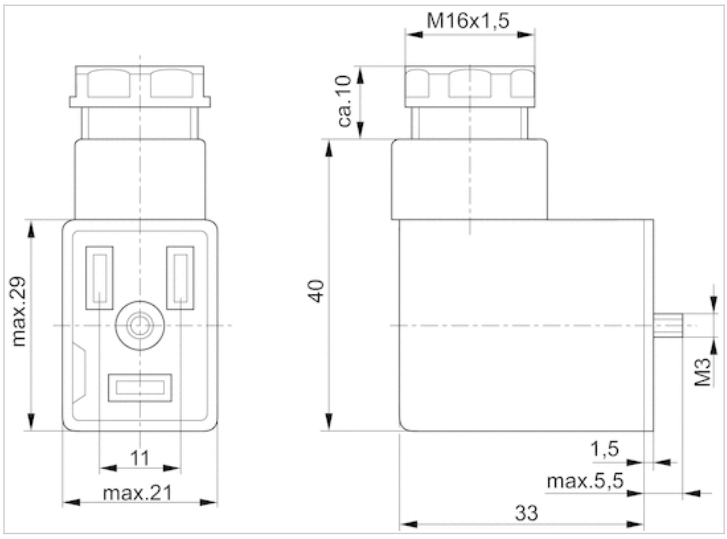


Fig. 2



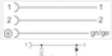
Valve plug connector, series CON-VP

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



Connection type	Screws
Ambient temperature min./max.	-40 ... 90 °C
Operational voltage	See table below
Protection class	IP65
Mounting screw tightening torque	0.4 Nm
Weight	See table below

Technical data

Part No.		Operational voltage	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

Dimensions

Fig. 1

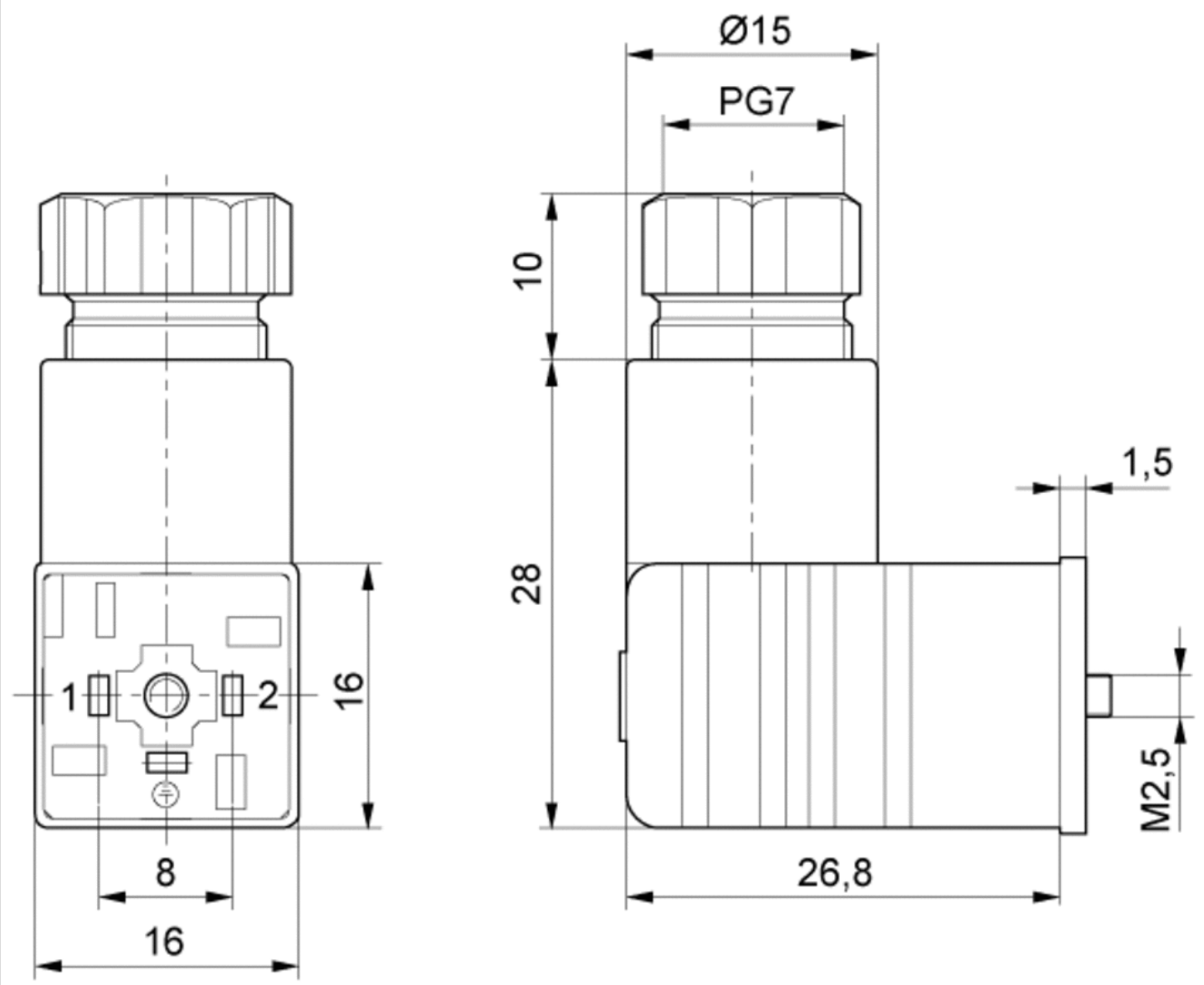


Fig. 2

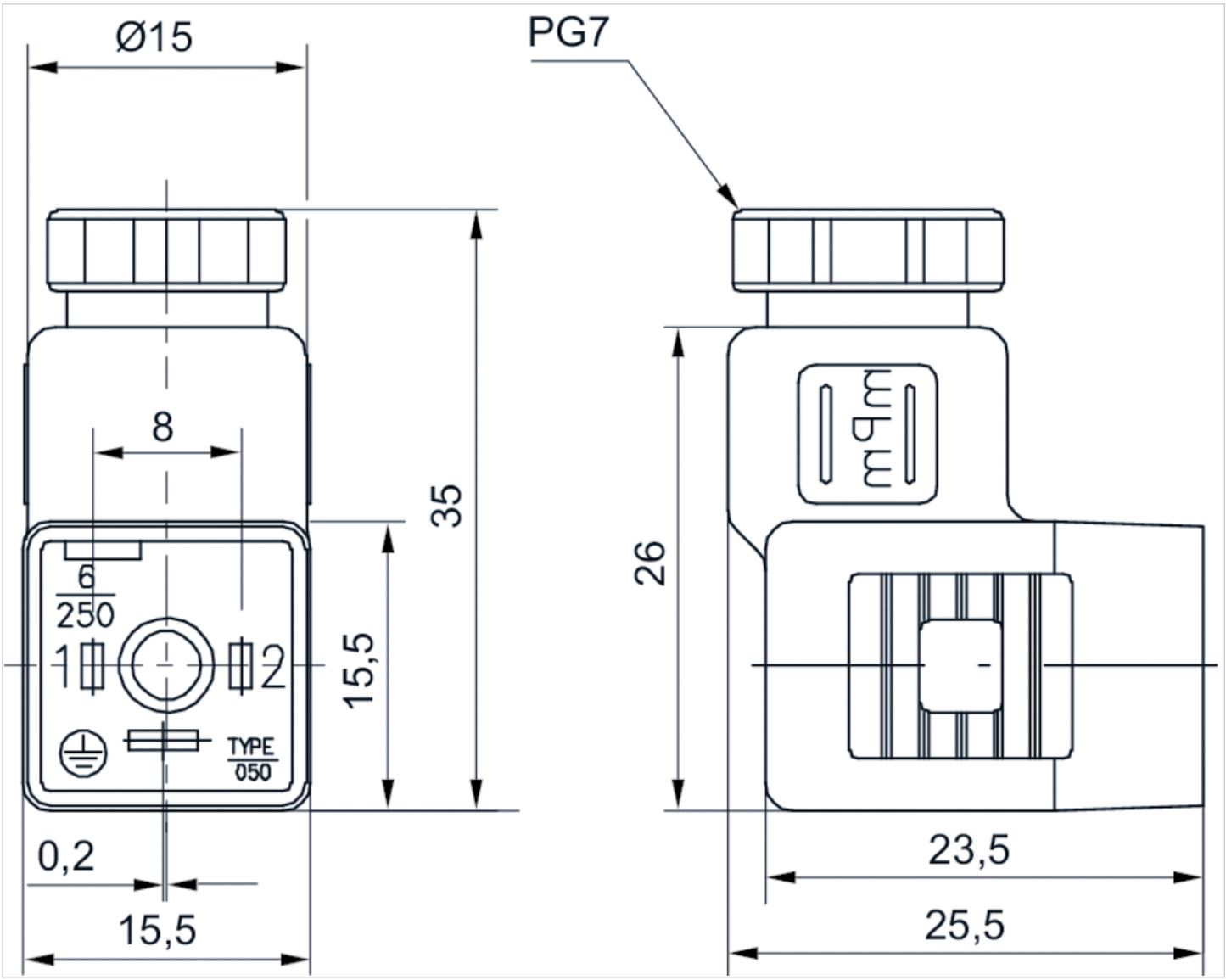
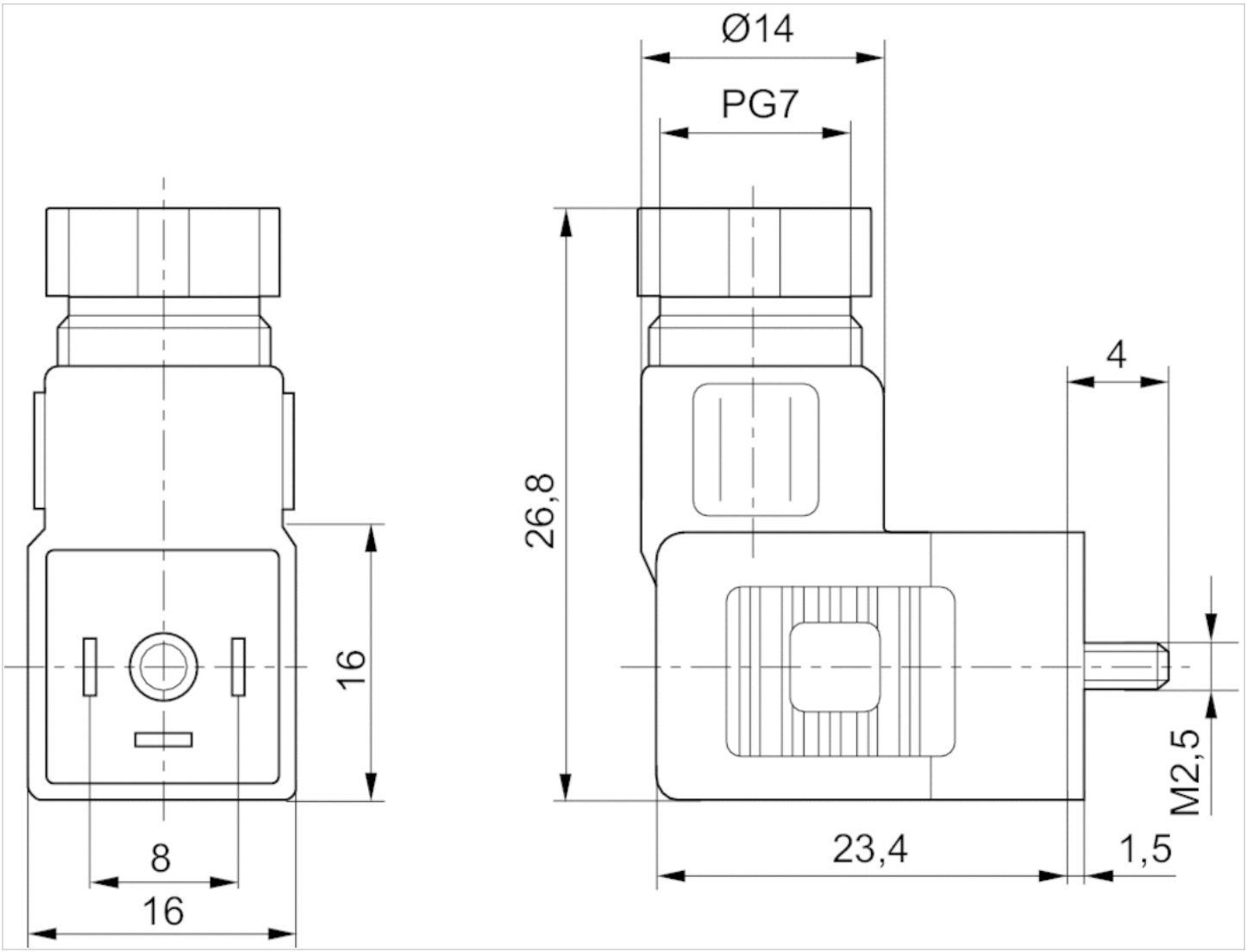


Fig. 3



Valve plug connector, series CON-VP

- Socket, 2+E, angled, 90° Socket, form C, industry, 2+E, angled, 90°
- Industry standard
- unshielded
- with LED Yellow



Connection type	Screws
Ambient temperature min./max.	-20 ... 80 °C
Operational voltage	See table below
Protection class	IP65
Mounting screw tightening torque	0.4 Nm
Weight	See table below

Technical data

Part No.		Electrical connection
		1
1834484050		Socket 2+E angled 90°
4402030330		Socket form C, industry 2+E angled 90°

Part No.	Operational voltage	Max. current	Protective circuit	Contact assignment	LED status display
1834484050	-	6 A	-	2+E	-
4402030330	24 V AC/DC	6 A	Z-diode	2+E	Yellow

Part No.	suitable cable-Ø min./max	Seal	Weight	Fig.	
1834484050	4 / 6 mm	caoutchouc/butadiene caoutchouc	0.12 kg	Fig. 1	1)
4402030330	4 / 6 mm	-	0.012 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

Dimensions

Fig. 1

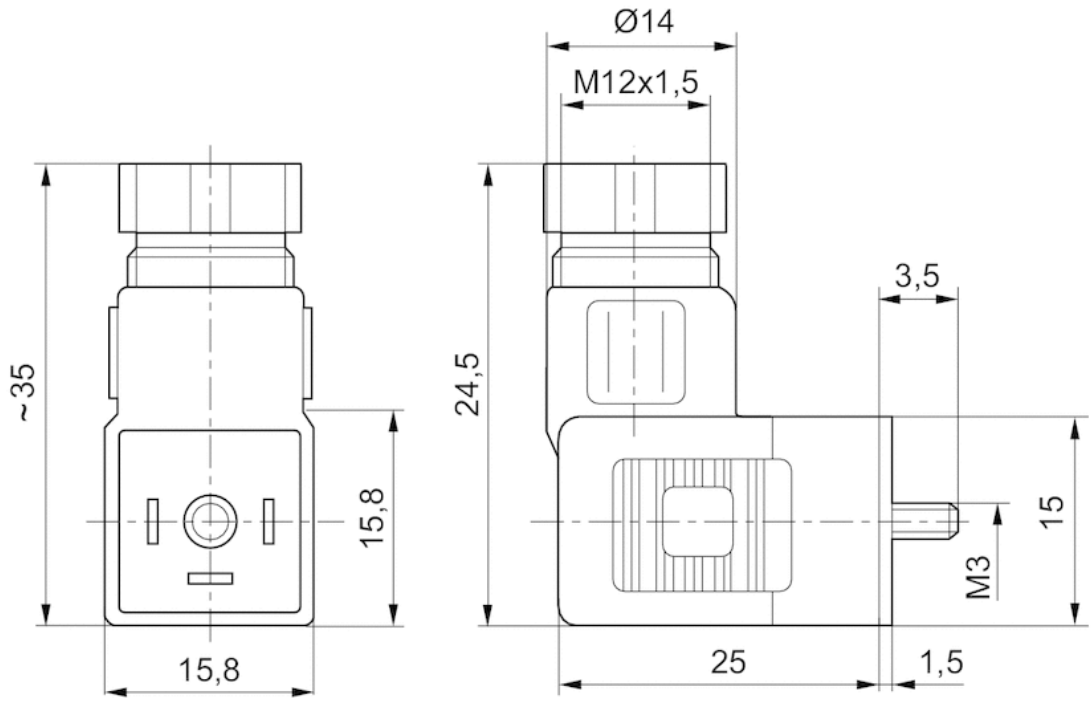
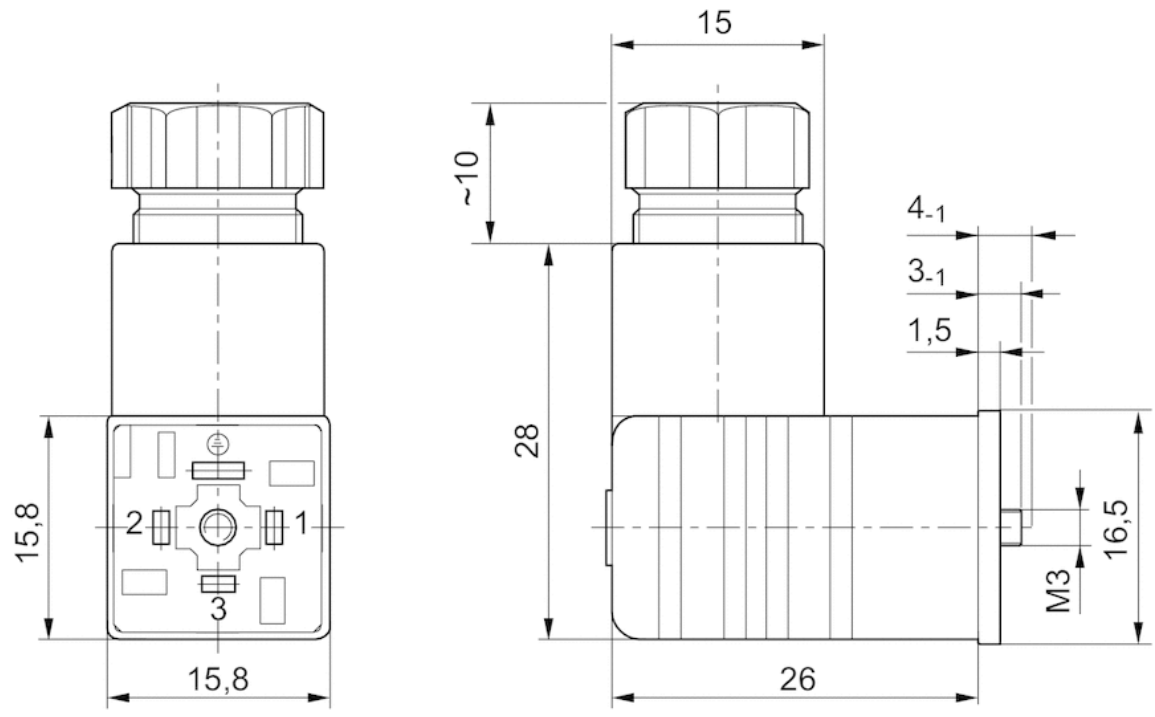


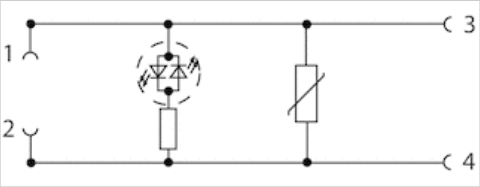
Fig. 2



Adapter, Series CON-VP

- Socket, form C, 2+E, angled, 90°
- Plug, M12x1, 3-pin, A-coded, straight, 180°
- unshielded
- with LED Yellow





Ambient temperature min./max.	-10 ... 0 °C
Operational voltage	24 V DC
Protection class	IP65
Protective circuit	Varistor
Mounting screw tightening torque	0.6 Nm
Weight	0.013 kg

Technical data

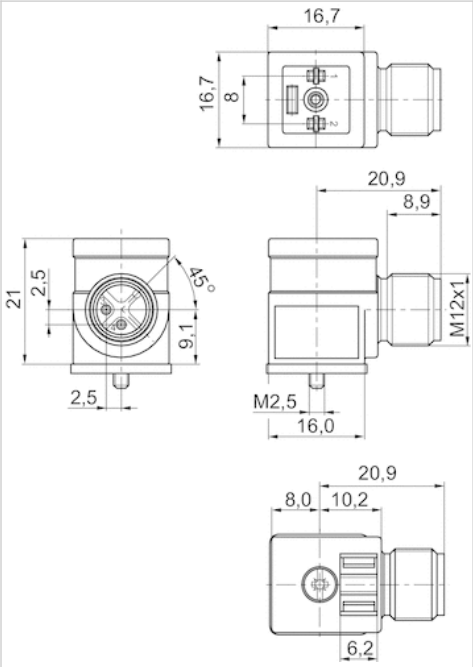
Part No.	Max. current	Protective circuit	Contact assignment	LED status display
R412009553	1 A	Varistor	2+E	Yellow

Technical information

Material	
Housing	Polyurethane

Dimensions

Dimensions



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