

## Valve plug connector, series CON-VP



AVENTICS™ Valve plug connector, series CON-VP



# 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

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<br>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

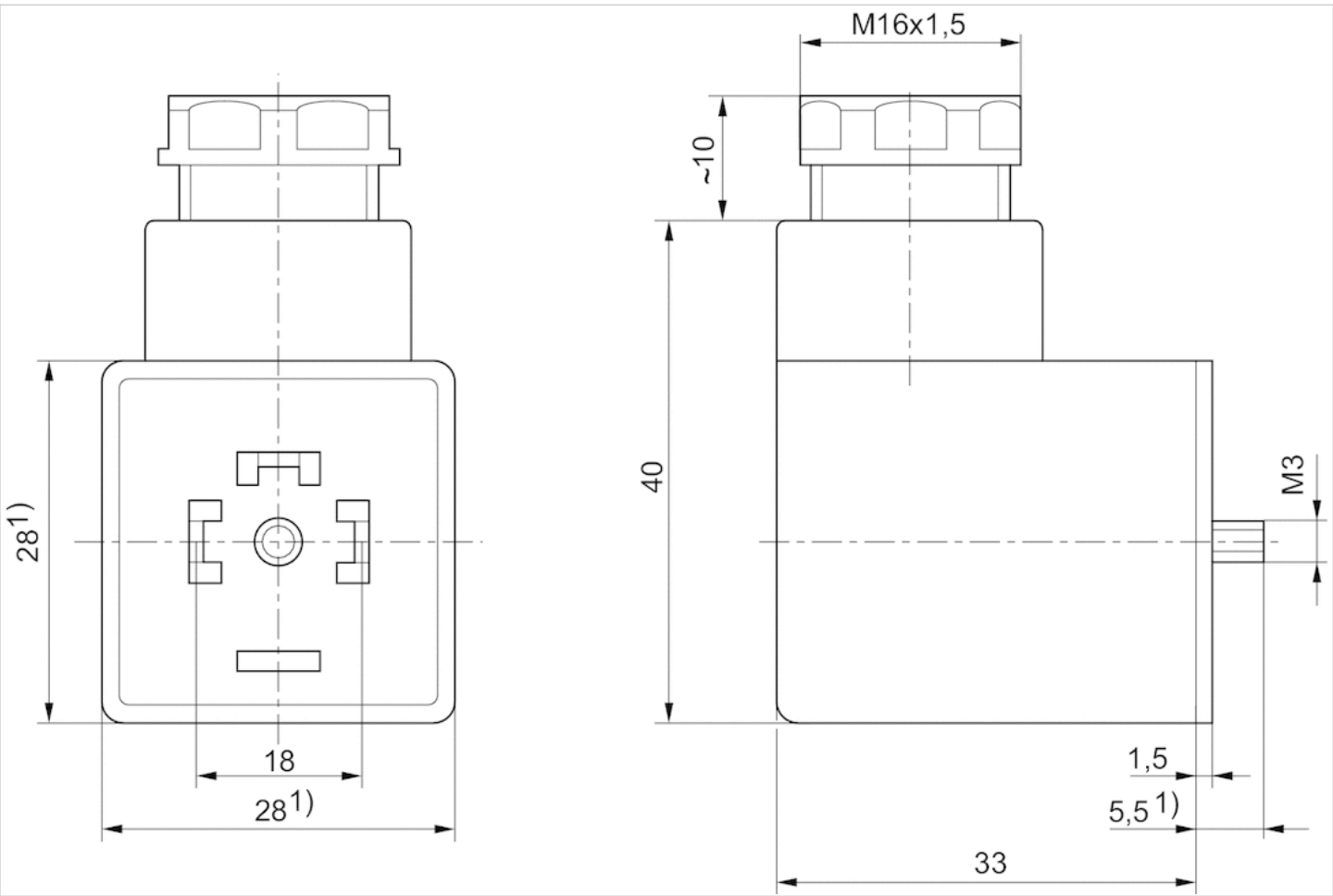
The specified protection class is only valid in assembled and tested state.

Technical information

| Material |                                                     |
|----------|-----------------------------------------------------|
| Seals    | caoutchouc/butadiene caoutchouc Silicone caoutchouc |

Dimensions

Dimensions



1) Max.

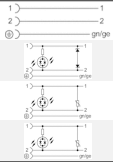
# Valve plug connector, series CON-VP

- 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

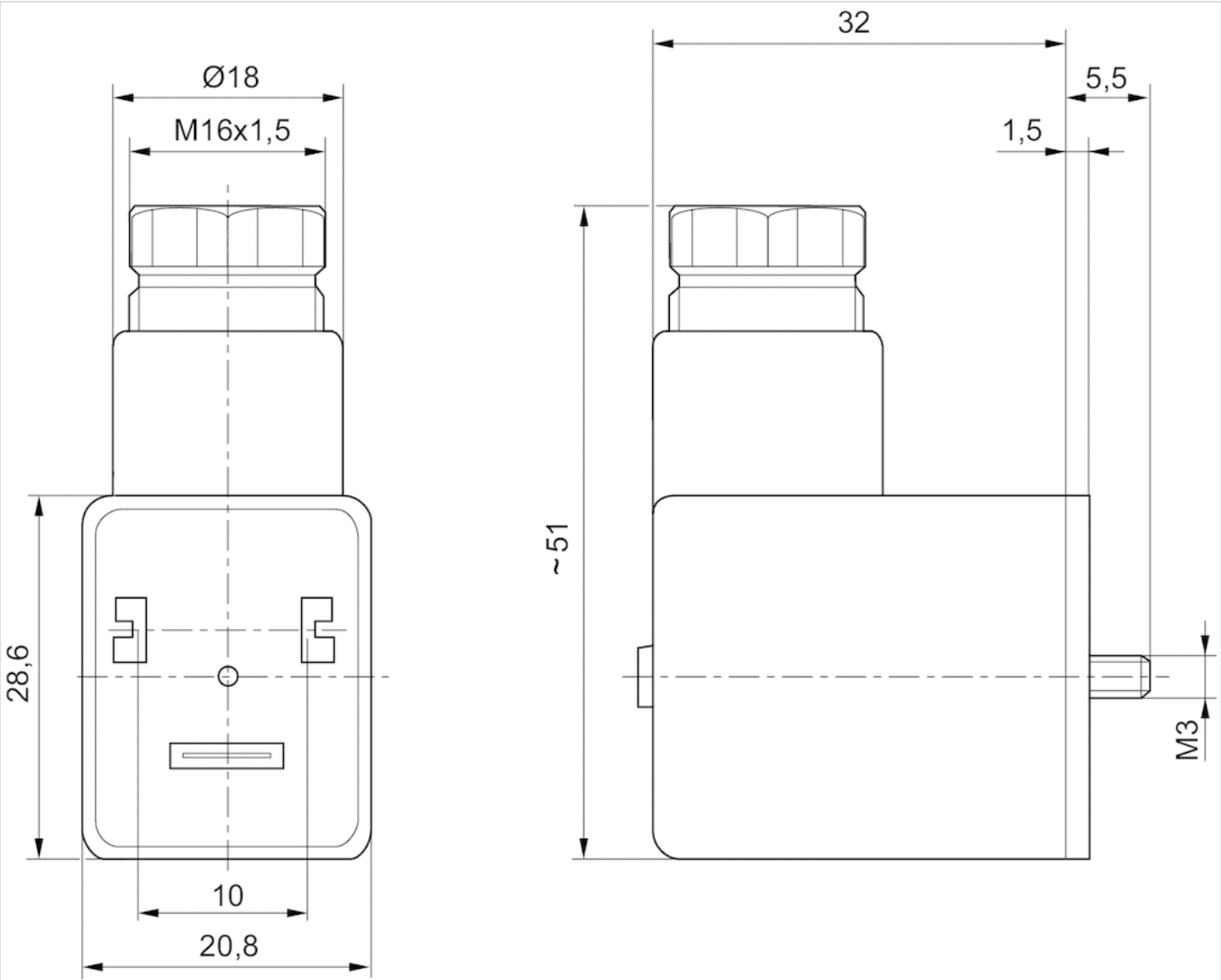
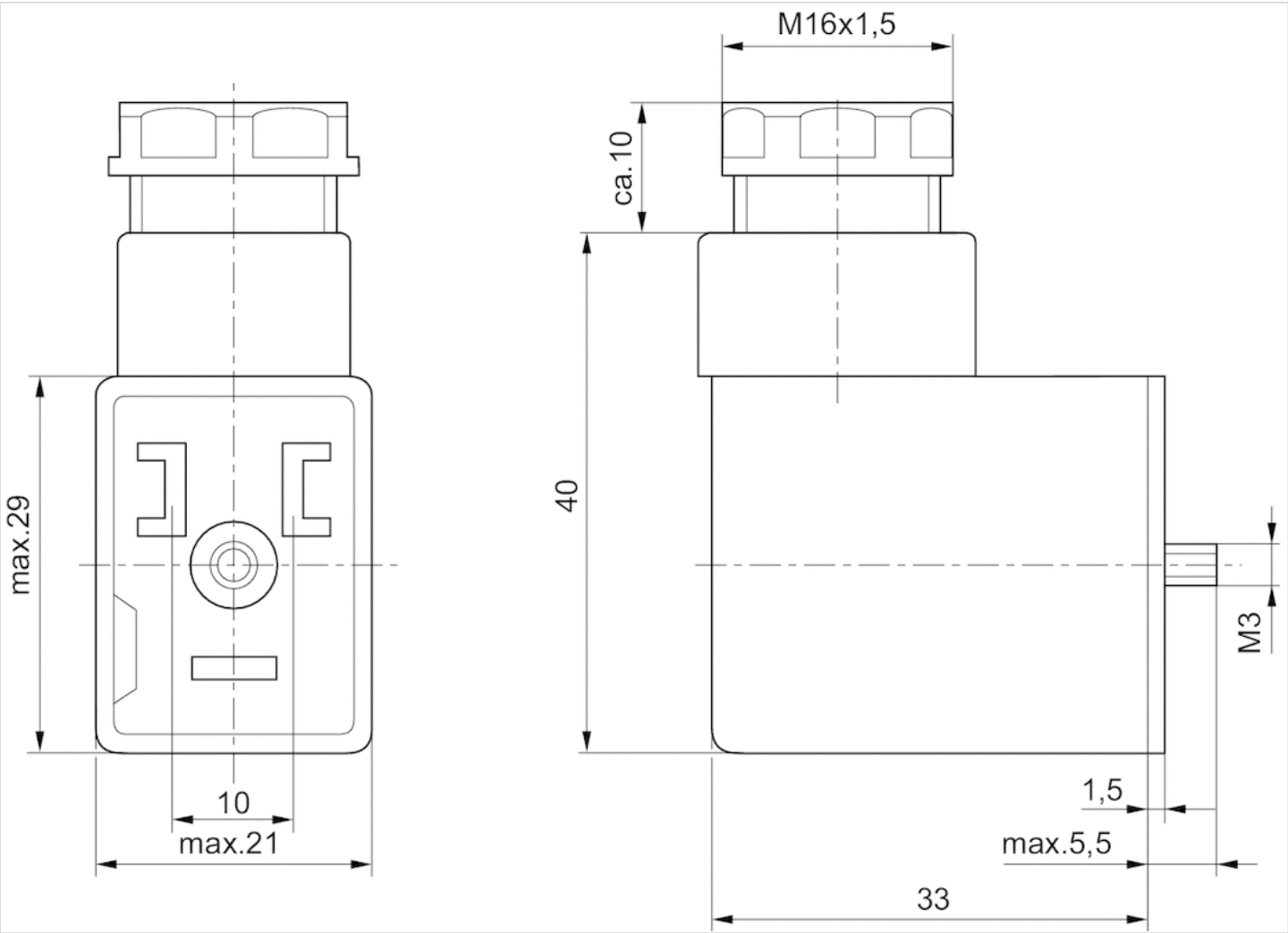


Fig. 2



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

## Technical information

| Material |                                                     |
|----------|-----------------------------------------------------|
| Seals    | caoutchouc/butadiene caoutchouc Silicone caoutchouc |

## Dimensions

Fig. 1

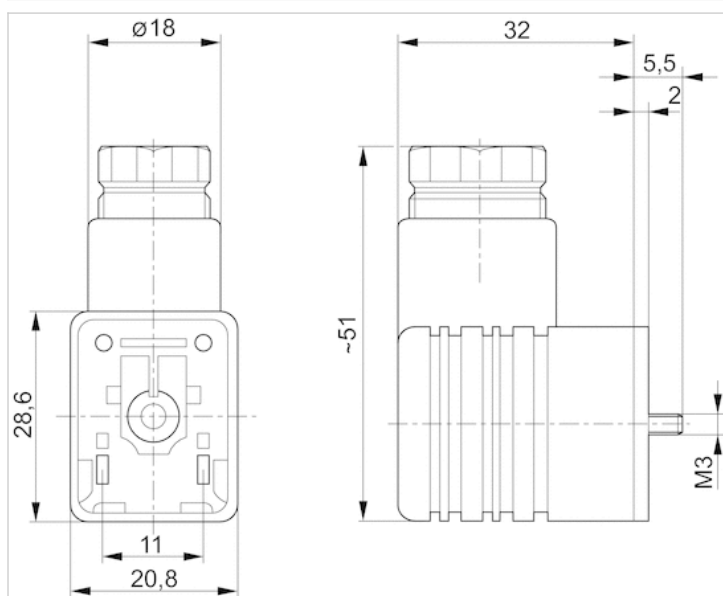
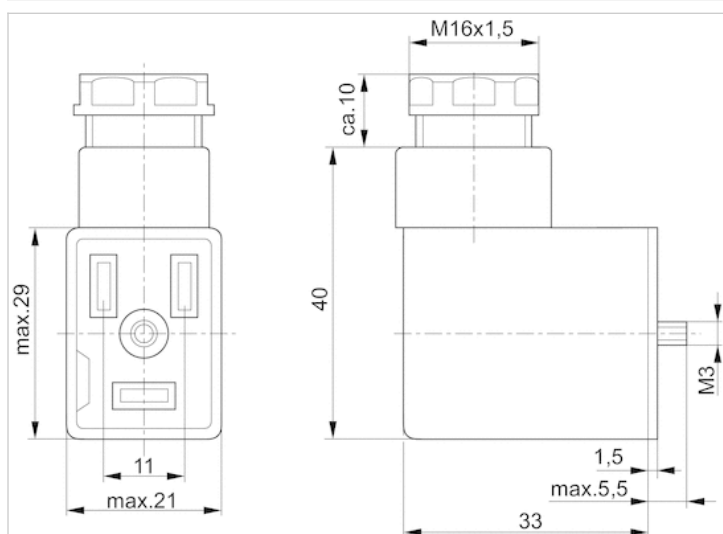


Fig. 2



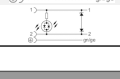
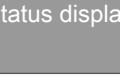
# Valve plug connector, series CON-VP

- 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

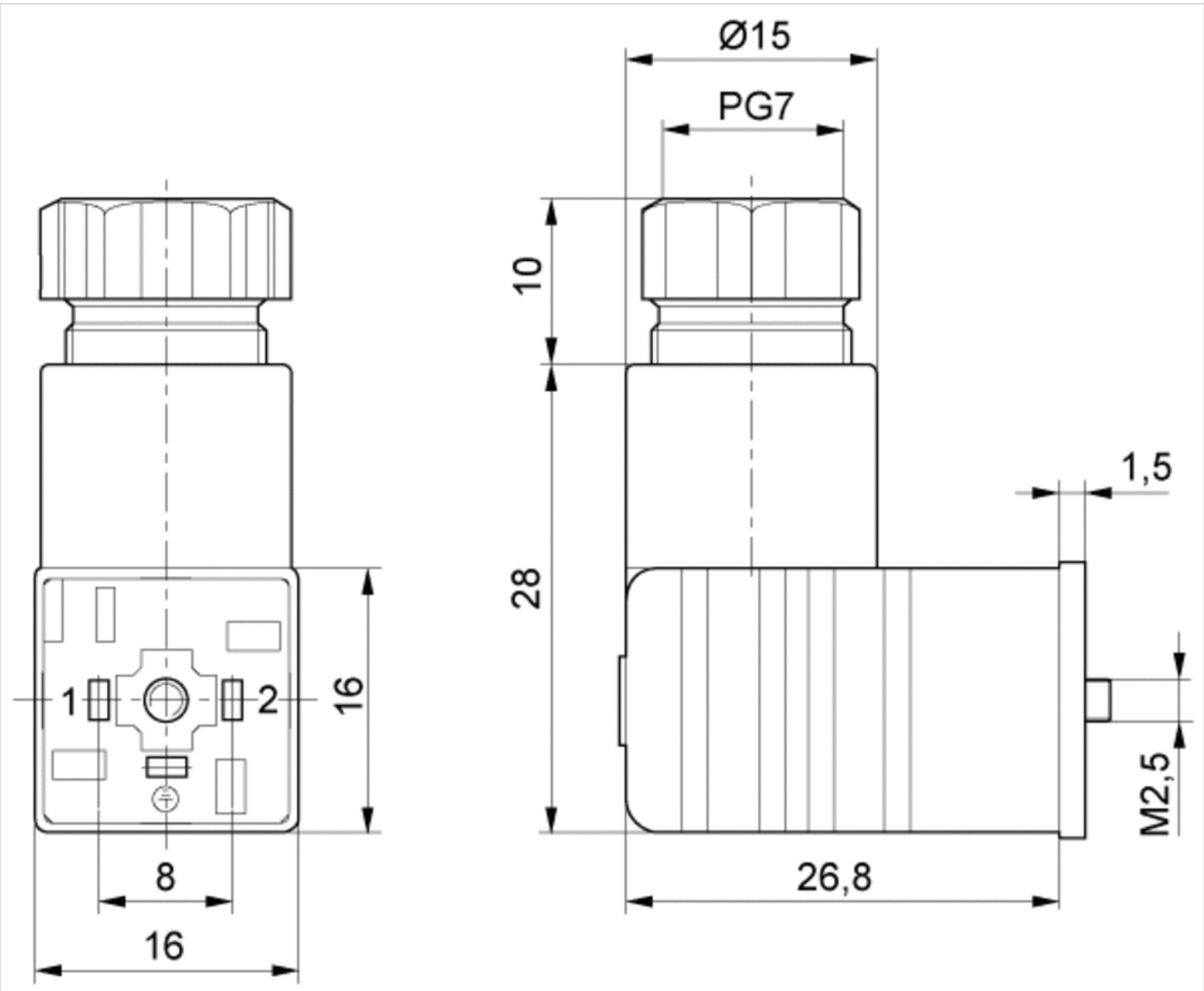


Fig. 2

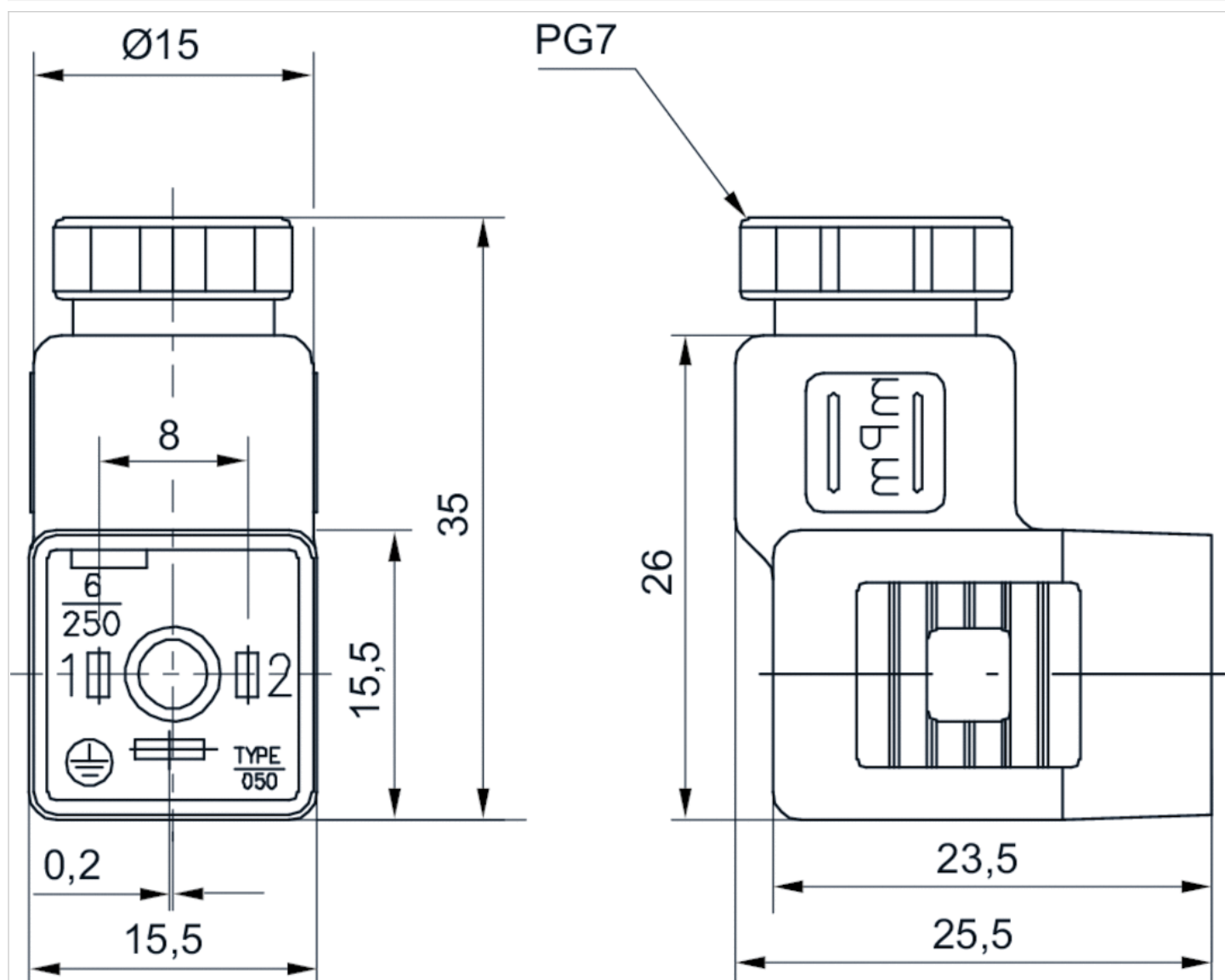
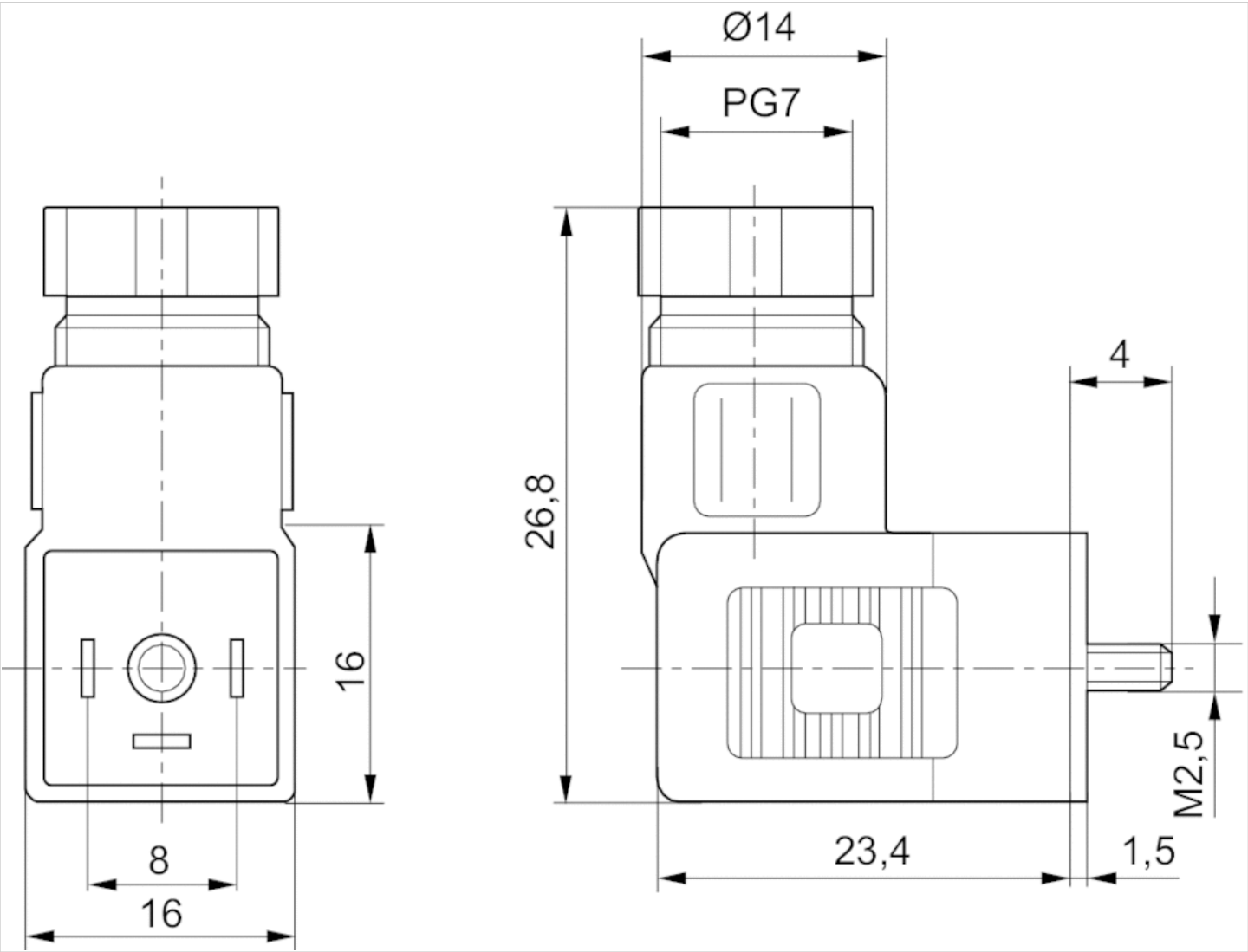


Fig. 3



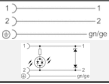
# Valve plug connector, series CON-VP

- 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

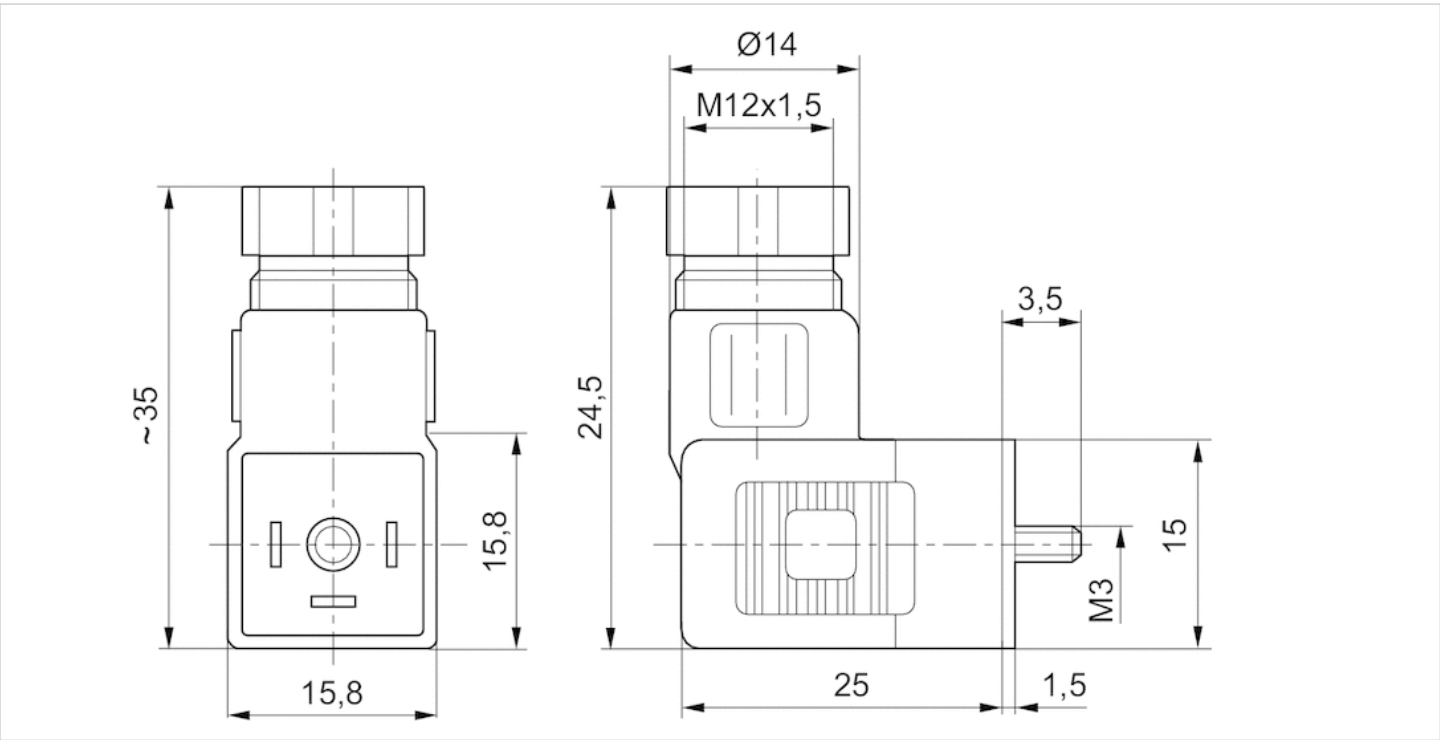
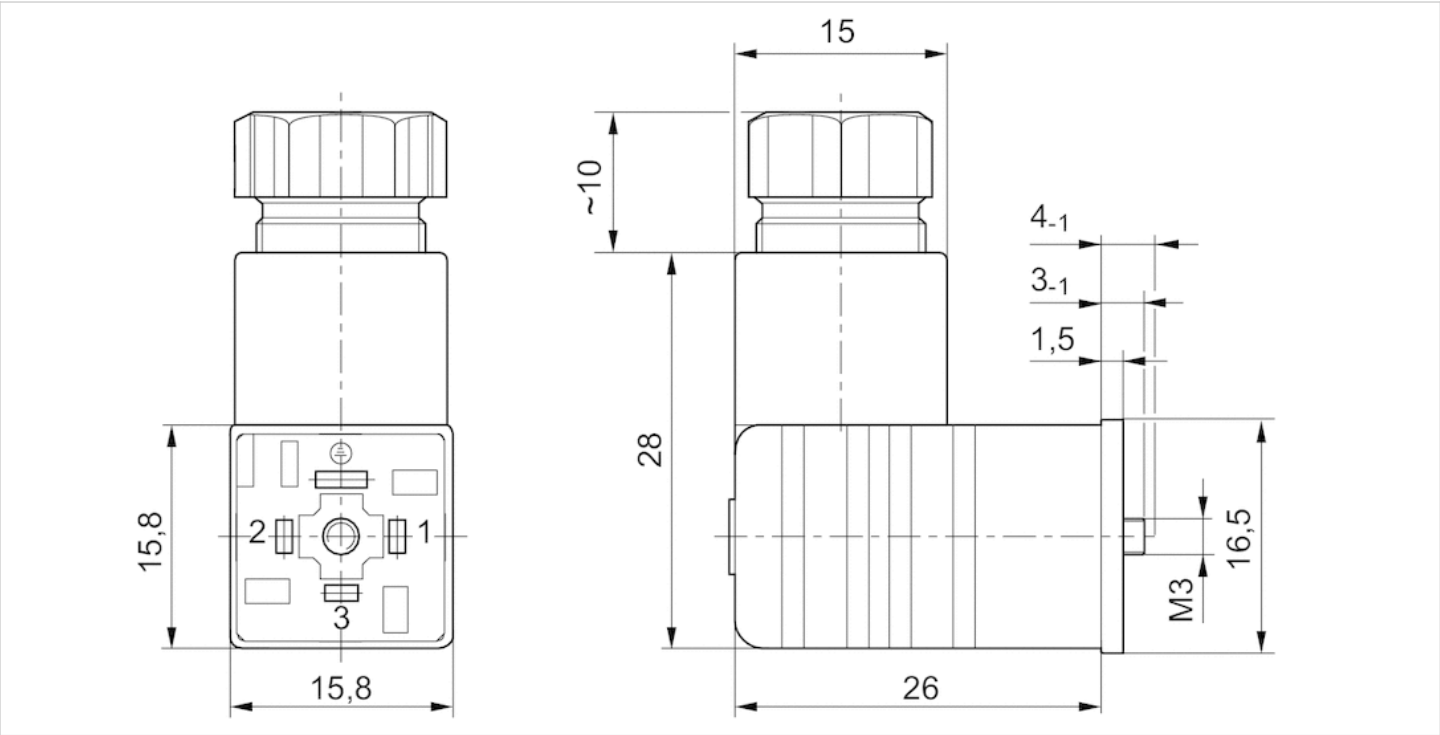


Fig. 2



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