

## Technical data sheet

### Suppression Technology · Valve suppressors

Adjustable male, design A (18 mm), IP67

Ground wire terminator (PE) adjustable in 90° steps, IP67

Protection device: Varistor+LED



#### Identification

|          |                            |
|----------|----------------------------|
| Type     | LV-V20-5830 AC/DC 110-230V |
| Part No. | 705830                     |

#### Product version

|                   |    |
|-------------------|----|
| Datasheet version | 00 |
|-------------------|----|

#### Technical data

|                               |                     |
|-------------------------------|---------------------|
| Type of function              | Valve suppressor    |
| Protection device             | Varistor + LED      |
| Rated voltage $U_N$           | AC/DC 110–230 V     |
| Nominal voltage range         | AC/DC 110 V – 230 V |
| Current Consumption           | 4 mA                |
| Rated frequency $f_N$         | 50 Hz / 60 Hz       |
| Connecting lead $\varnothing$ | 4 – 9 mm            |

#### General

|                       |                    |
|-----------------------|--------------------|
| Design                | A (18 mm)          |
| Status indication     | LED yellow         |
| Amperage range        | $\leq 1$ A         |
| Contact resistance    | $< 15$ m $\Omega$  |
| Insulation resistance | $> 100$ M $\Omega$ |
| Pole number           | 2                  |
| Housing material      | PA                 |
| Color of the housing  | transparent        |
| Contact material      | CuZn silver-plated |

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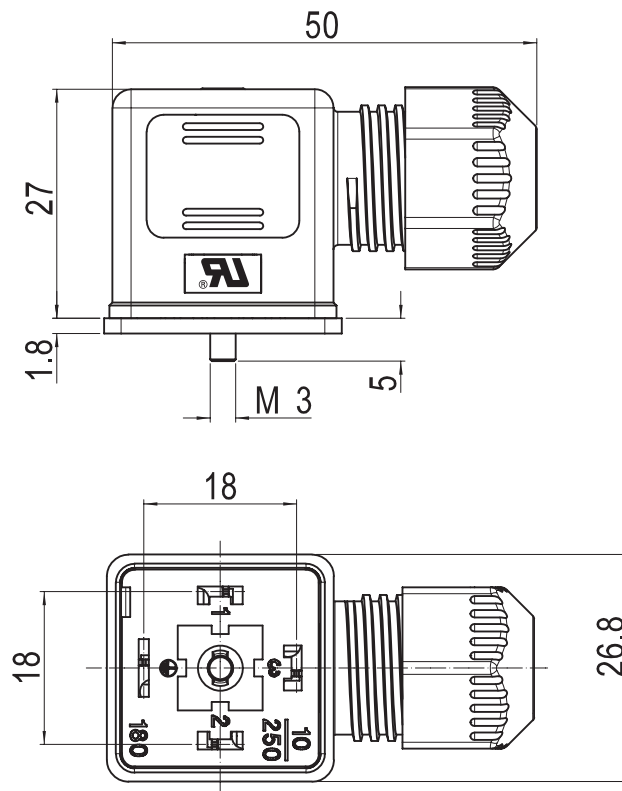
### Suppression Technology · Valve suppressors

|                             |                             |
|-----------------------------|-----------------------------|
| Material seal               | NBR                         |
| Material sealing ring       | NBR                         |
| Mechanical service life     | >100 insertion cycles       |
| Degree of pollution         | 3                           |
| Protection class            | IP67                        |
| Mounting                    | Breakaway torque 0.4 Nm     |
| Connection type             | Screw terminal              |
| Connection cross-section    | max. 1.5 mm <sup>2</sup>    |
| Connection cross-section    | max. AWG 16                 |
| Operation temperature range | -40 °C ... +90 °C           |
| Storage temperature range   | -40 °C ... +90 °C           |
| Dimensions (w × h × d)      | 26.8 mm × 28.8 mm × 50.0 mm |
| Weight/unit                 | 0.023 kg                    |
| PU (units)                  | 1                           |

### Certifications/Standards

|                |                           |
|----------------|---------------------------|
| Certifications | cURus (E256031)           |
| Standards      | EN 175301-803<br>ISO 4400 |

### Dimensions



PIN assignment

