

8174/203-1261-22 Art. No. 167173



- Power supply in Ex d enclosures
- One to 72 cores are combined in one conductor bushing
- Versions: Screwable, pluggable
- For voltages up to max. 1000 V
- For conductor cross-sections up to 70 mm<sup>2</sup>

MY R. STAHL 8174A



The conductor bushings are used to connect the conductors between enclosures with the "flame-proof" and "increased safety" types of protection. The cores are moulded with high-quality, leakage-current-resistant PU resin, meaning that they are insulated from the enclosure wall.

### Technical Data

#### Explosion Protection

|                                |                                       |
|--------------------------------|---------------------------------------|
| Application range (zones)      | 1, 2                                  |
| IECEX gas certificate          | IECEX PTB 06.0081U                    |
| IECEX gas explosion protection | Ex db IIC Gb                          |
| IECEX firedamp protection      | Ex db I Mb                            |
| ATEX gas explosion protection  | Ⓔ II 2 G Ex db IIC Gb                 |
| ATEX firedamp protection       | Ⓔ I M2 Ex db I Mb                     |
| Certificates                   | ATEX (PTB), China (CQST), IECEX (PTB) |

#### Electrical Data

|                              |       |
|------------------------------|-------|
| AC rated operational voltage | 500 V |
| Rated operational current    | 9 A   |
| Rated operational current    | 9 A   |

#### Ambient Conditions

|                     |                    |
|---------------------|--------------------|
| Ambient temperature | -40 °C ... +110 °C |
|---------------------|--------------------|


#### Mechanical Data

|                              |                      |
|------------------------------|----------------------|
| Socket diameter              | ø 34                 |
| Ex d conductor length        | 2500 mm              |
| Ex e conductor length        | 2500 mm              |
| Min. conductor cross section | 0.75 mm <sup>2</sup> |
| Number of core ends          | 12                   |
| Thread size                  | M42                  |
| Thread pitch                 | 1,5                  |
| Cable colour                 | Blue                 |
| Weight                       | 915 g                |
| Weight                       | 2.02 lb              |


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### Accessories

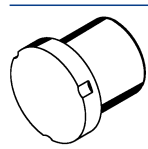
#### Cheese-head screw

|  |   |                                   |
|--|---|-----------------------------------|
|  | <p>M4 x 6<br/>Three cheese-head screws are required per stopping plug or threaded piece</p> | <p><b>Art. No.</b><br/>109806</p> |
|--|---|-----------------------------------|

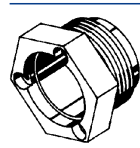
#### Split washer

|  |  |                                   |
|--|--|-----------------------------------|
|  | <p>M4<br/>Three split washers are required per stopping plug or threaded piece</p> | <p><b>Art. No.</b><br/>252066</p> |
|--|--|-----------------------------------|

#### Stopping plugs

|  |  |                                   |
|--|--|-----------------------------------|
|  | <p>for sealing unused threaded pieces<br/>Note: Please order cheese-head screws and split washers separately<br/>Dia. 34 mm, M42 x 1.5</p> | <p><b>Art. No.</b><br/>139720</p> |
|--|--|-----------------------------------|

#### Threaded piece

|  |  |                                   |
|--|--|-----------------------------------|
|  | <p>Note: Please order cheese-head screws and split washers separately<br/>for pluggable conductor bushings 8174/2<br/>Drilled hole diameter dia. 34 mm<br/>Screw-in thread M42 x 1.5</p> | <p><b>Art. No.</b><br/>140032</p> |
|--|--|-----------------------------------|

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.