

8174/203-2461-33 Art. No. 167176



- 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 certificate	IECEX PTB 06.0081U
IECEX gas explosion protection	Ex db IIC Gb
IECEX firedamp certificate	IECEX PTB 06.0081U
IECEX firedamp protection	Ex db I Mb
ATEX gas certificate	PTB 01 ATEX 1065 U
ATEX gas certificate	PTB 01 ATEX 1065 U
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX firedamp certificate	PTB 01 ATEX 1065 U
ATEX firedamp protection	Ex I M2 Ex db I Mb
Certificates	ATEX (PTB), China (CQST), IECEX (PTB)

#### Electrical Data

Rated operational voltage AC	500 V
Rated operational current	7.5 A

#### Ambient Conditions

Ambient temperature	-40 °C ... +110 °C
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#### Mechanical Data

Socket diameter	ø 34
Ex d conductor length	1300 mm
Ex e conductor length	1300 mm
Min. conductor cross section	0.75 mm <sup>2</sup>
Number of core ends	24
Thread size	M42
Thread pitch	1,5
Cable colour	Blue
Weight	1.58 kg

# Installation equipment and accessories

## Conductor bushing



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### Mechanical Data

Weight	3.48 lb
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### Accessories

#### Cheese-head screw

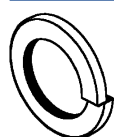


M4 x 6  
Three cheese-head screws are required per stopping plug or threaded piece

#### Art. No.

109806

#### Split washer

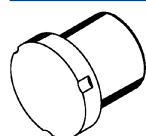


M4  
Three split washers are required per stopping plug or threaded piece

#### Art. No.

252066

#### Stopping plugs

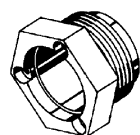


for sealing unused threaded pieces  
Note: Please order cheese-head screws and split washers separately  
Dia. 34 mm, M42 x 1.5

#### Art. No.

139720

#### Threaded piece



Note: Please order cheese-head screws and split washers separately  
for pluggable conductor bushings 8174/2  
Drilled hole diameter dia. 34 mm  
Screw-in thread M42 x 1.5

#### Art. No.

140032

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.