

8174/204-4801-22 Art. No. 139431



- 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	750 V
Rated operational current	5.5 A
Rated operational current	5.5 A

#### Ambient Conditions

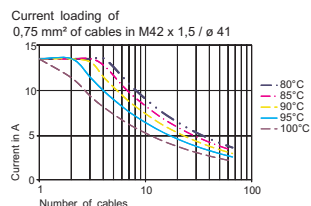
Ambient temperature	-40 °C ... +110 °C
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#### Mechanical Data

Socket diameter	ø 41
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	48
Thread size	M48
Thread pitch	1,5
Cable colour	Black
Weight	1.78 kg
Weight	3.91 lb

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### Technical Drawings – Subject to Alterations



## Accessories

### Cheese-head screw



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

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109806

### Split washer

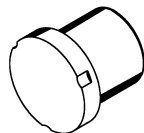


M4  
Three split washers are required per stopping plug or threaded piece

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252066

### Stopping plugs

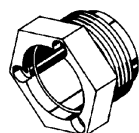


for sealing unused threaded pieces  
Note: Please order cheese-head screws and split washers separately  
Dia. 41 mm, M48 x 1.5

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139732

### Threaded piece



Note: Please order cheese-head screws and split washers separately  
for pluggable conductor bushings 8174/2  
Drilled hole diameter dia. 41 mm  
Screw-in thread M48 x 1.5

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140038

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.