Installation equipment and accessories
Conductor bushing

STAHL

8174/204-2101-33   Art. No. 139823

- 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 mm²

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	750 V

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

Mechanical Data	
Socket diameter	ø 41
Ex d conductor length	1300 mm
Ex e conductor length	1300 mm
Min. conductor cross section	0.75 mm²
Number of core ends	21
Thread size	M48
Thread pitch	1,5
Cable colour	Black
Weight	897 g
Weight	1.98 lb

2025-01-13
V 0.70 EN

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Technical Drawings – Subject to Alterations

Current loading of
0,75 mm² of cables in M42 x 1,5 / ø 41
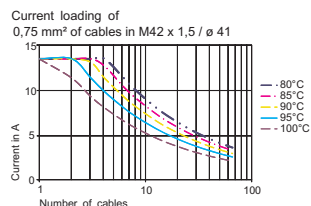
Accessories

Cheese-head screw		Art. No.
	M4 x 6 Three cheese-head screws are required per stopping plug or threaded piece	109806

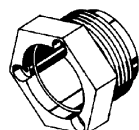| Split washer		Art. No.
	M4 Three split washers are required per stopping plug or threaded piece	252066
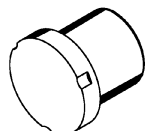
Stopping plugs		Art. No.
	for sealing unused threaded pieces Note: Please order cheese-head screws and split washers separately	
	Dia. 41 mm, M48 x 1.5	139732

Threaded piece		Art. No.
	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	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.

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