

8174/205-0408-33 Art. No. 139873



- 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 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	83 A
Rated operational current	83 A

Ambient Conditions

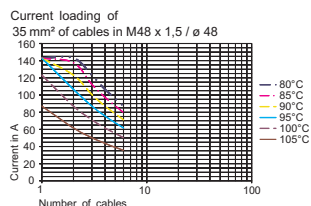
Ambient temperature	-40 °C ... +110 °C
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Mechanical Data

Socket diameter	ø 48
Ex d conductor length	1300 mm
Ex e conductor length	1300 mm
Min. conductor cross section	25 mm ²
Number of core ends	4
Thread size	M56
Thread pitch	1,5
Cable colour	Black
Weight	2.96 kg
Weight	6.51 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

Art. No.

109806

Split washer



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

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252066

Stopping plugs

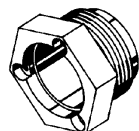


for sealing unused threaded pieces
Note: Please order cheese-head screws and split washers separately
Dia. 48 mm, M56 x 1.5

Art. No.

139740

Threaded piece



Note: Please order cheese-head screws and split washers separately
for pluggable conductor bushings 8174/2
Drilled hole diameter dia. 48 mm
Screw-in thread M56 x 1.5

Art. No.

140049

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.