

8174/204-0307-33 Art. No. 139859



- 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 |
| Rated operational current | 61 A |

Ambient Conditions

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

Mechanical Data

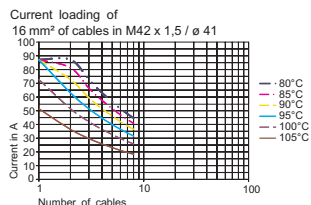
| | |
|------------------------------|--------------------|
| Socket diameter | ø 41 |
| Ex d conductor length | 1300 mm |
| Ex e conductor length | 1300 mm |
| Min. conductor cross section | 16 mm ² |
| Number of core ends | 3 |
| Thread size | M48 |
| Thread pitch | 1,5 |
| Cable colour | Black |
| Weight | 125 g |

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Mechanical Data

| | |
|--------|---------|
| Weight | 0.28 lb |
|--------|---------|

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

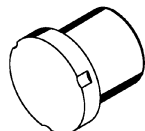


M4
Three split washers are required per stopping plug or threaded piece

Art. No.

252066

Stopping plugs



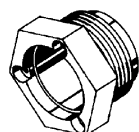
for sealing unused threaded pieces
Note: Please order cheese-head screws and split washers separately

Dia. 41 mm, M48 x 1.5

Art. No.

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

Art. No.

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.