

8174/203-0306-33 Art. No. 139813



- Current lead-in for Ex d enclosures
- 1 to 72 conductors combined in one current lead-in
- Series: screw-in, plug-in
- For voltages up to max. 1000 V
- For size conductor up to 70 mm<sup>2</sup>

MY R. STAHL 8174A



The conductor bushings are used to provide the wire connection between „flameproof“ enclosures and „increased safety“ enclosures.

The conductors are potted with high-quality, creepage-resistant PU-resin and are thus 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 certificate	IECEX PTB 06.0081U
IECEX firedamp protection	Ex db I Mb
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	45 A

#### Ambient Conditions

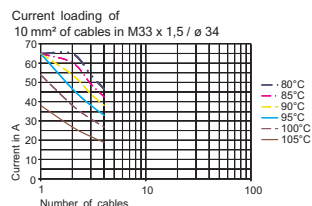
Ambient temperature	-40 °C ... +110 °C
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#### Mechanical Data

Socket diameter	ø 34
Ex d conductor length	1300 mm
Ex e conductor length	1300 mm
Min. conductor cross section	10 mm <sup>2</sup>
Number of core ends	3
Thread size	M42
Thread pitch	1,5
Cable colour	Black
Weight	991 g
Weight	2.18 lb

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### Technical Drawings – Subject to Alterations



## Accessories

### Cheese head screw



M4 x 6  
3 cheese-head screws are required per stopping plug or threaded element

**Art. No.**

109806

### Split washer

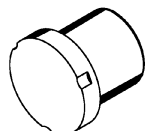


M4  
3 split washers are required per stopping plug or threaded element

**Art. No.**

252066

### Stopping plugs

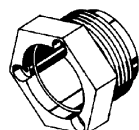


to close up unused thread fittings  
Note: cheese-head screws and split washers have to be ordered separately  
Ø 34 mm, M42 x 1.5

**Art. No.**

139720

### Threaded piece



Note: Please order cheese-head screws and split washers separately  
for pluggable conductor bushings 8174/2  
Drilled hole diameter Ø 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.