

# Installation Equipment

Plug 20 A

Plug

8570/22-307 Art. No. 150635



- Degree of protection IP66, extreme temperature range of -30 to +55 °C
- No impact of torsional forces from the cable on the seal
- Wear-free contacts even in aggressive atmosphere

WebCode 8570G



R. STAHL Series 8570/22 SolConeX plugs for Zone 1/21 are silicone-free 3-, 4- or 5-pole 20 A plugs. The floating pins allow them to be inserted and removed quickly and easily. The pivoting strain relief makes it easier to install the cable. Self-cleaning and corrosion-free plug pins made from high-quality materials ensure optimum electrical contact.

## Technical Data

### Explosion Protection

Scope of validity	European Union (ATEX) Canada IECEX USA
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 05.0023
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust certificate	IECEX PTB 05.0023
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	PTB 03 ATEX 1227
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 03 ATEX 1227
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80 °C Db
Marking FMus	Class I, Zones 1 & 2 AEx de IIC T6 Class I, Division 2, Groups A,B,C,D Class II, Division 1 & 2, Groups E,F,G Class III
Marking cCSA	Class I, Zones 1 & 2 Ex de IIC T6 Class I, Division 2, Groups A,B,C,D Class II, Division 1 & 2, Groups E,F,G Class III
Certificates	ATEX (PTB), IECEX (PTB), USA (FM)

### Electrical Data

Rated operational voltage	480 V AC
Rated operational current	20 A
Mechanical service life	> 5x10 <sup>3</sup> mating cycles

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## Electrical Data

Type of voltage	Low voltage
Frequency range	50 / 60 Hz

## Ambient Conditions

Ambient temperature	-30 °C ... +55 °C
Ambient temperature	-22 °F ... +131 °F

## Mechanical Data

IP degree of protection (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP66
Enclosure type (NEMA250)	3, 4, 4X
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Finely stranded connection cross-section	1 x 1.5 mm <sup>2</sup> ... 1 x 4 mm <sup>2</sup>
Finely stranded connection cross-section AWG	1 x AWG 16 ... 1 x AWG 12
Width	78 mm
Width in inches	3.07 in
Height	78 mm
Height, inches	3.07 in
Length	176 mm
Length, inches	6.93 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Red
Coding (clock hour position)	7
Series	SolConeX
Detailed number of poles	2-pole, 3 conductors
Weight	0.3 kg
Weight	0.66 lb

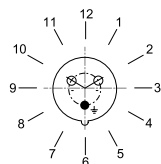
## Mounting / Installation

Connection	Screw terminal
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## Components

Cable diameter	8 – 18 mm
Cable diameter inch	0.31 – 0.71 in

## Technical Drawings – Subject to Alterations



Position of clock hour position  
Example: 6 h position

# Installation Equipment

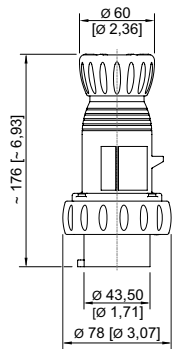
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

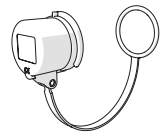


3-pole plug

## Accessories

Protective cap for 16 A plug

Art. No.



3-pole

150496

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.