Installation equipment
16 A plug

8570/12-309-S-XX-X-XX-XXX Art. No. 272900

- Different voltage ranges according to EN 60309
- No effect of torsional forces from the conductor on the seal
- Large temperature range of use
- High mechanical impact and shock resistance
- Perfect protection against penetration of liquids and dusts
- 3D data for download on the website
- Variants for use in USA/Canada available on request

MY R. STAHL **8570P**

The R. STAHL 8570/12 series SolConeX plugs for Zone 1/21 are 3-, 4- or 5-pole versions up to 16 A. They are easy and simple to plug and unplug thanks to floating pins. 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.

Further product options available:
- Further voltage ranges according to EN 60309
- Silicone-free versions

Technical Data

Explosion Protection	
Area of application	European Union (ATEX) IECEx
Area of application Note	Other country markings available on request
Application range (zones)	1, 2, 21, 22
IECEx gas certificate	IECEx PTB 19.0019X
IECEx gas explosion protection	Ex eb IIC T6 ... T5 Gb
IECEx dust certificate	IECEx PTB 19.0019X
IECEx dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas certificate	PTB 19 ATEX 1006 X
ATEX gas explosion protection	II 2 G Ex eb IIC T6 ... T5 Gb
ATEX dust certificate	PTB 19 ATEX 1006 X
ATEX dust explosion protection	II 2 D Ex tb IIIC T75 °C Db
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), IECEx (PTB), India (PESO), Korea (KGS), Taiwan (ITRI)
Ship approval	DNV
Declaration of conformity	ATEX (EUK), China (CCC)
Electrical Data	
Type of voltage	Low voltage
AC rated operational voltage	380 ... 415 V AC
Rated operational current	16 A
Rated operational current	16 A
Rated operational current note	Usable for up to 20 A depending on the connection cross-section
Mechanical service life	> $5x10^3$ mating cycles
Frequency range	50 / 60 Hz

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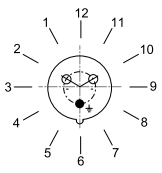
Ambient Conditions	
Ambient temperature	-50 °C to +65 °C
Ambient temperature	-58 °F to +149 °F
Ambient temperature note	For further information, see the operating instructions.
Mechanical Data	
Degree of protection IP (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP64
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	No
Finely stranded connection cross-section	1 x 1.5 mm² ... 1 x 4 mm²
Finely stranded connection cross-section AWG	1 x AWG 16 ... 1 x AWG 12
Width	78 mm
Width, inches	3.07 in
Height	78 mm
Height in inches	3.07 in
Length	176 mm
Length in inches	6.93 in
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Colour code	Red
Coding (clock hour position)	9
Series	SolConeX
Detailed number of poles	2 P + PE
Weight	331 g
Weight	0.73 lb
Mounting / Installation	
Connection	Screw terminal
Components	
Cable diameter	8 – 19.7 mm
Cable diameter inch	0.31 – 0.78 in

Technical Drawings – Subject to Alterations



Position of clock hour position
Example: 6 h position

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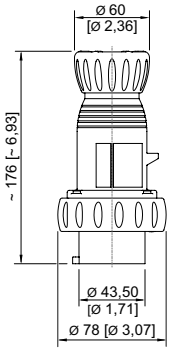
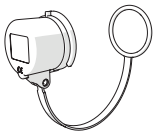
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



3-pole plug

Accessories

Protective cap for Series 8570 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.