

8570/22-407 Art. No. 150620



- Degree of protection IP66, extreme temperature range of –50 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 16 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	⊕ II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 03 ATEX 1227
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), Canada (CSA), IECEX (PTB), USA (FM)

Electrical Data

Mechanical service life	> 5x10 ³ plug cycles
Type of voltage	Low voltage
Frequency range	50 / 60 Hz

Ambient Conditions

Ambient temperature	-30 °C ... +55 °C (T80 °C) (T80 °C)
Ambient temperature	-86 °F ... +131 °F (T80 °C) (T80 °C)

Mechanical Data

Schutzart IP (IEC 60079)	IP66
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes

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Mechanical Data

Finely stranded connection cross section	1.5 – 4 mm ²
Connection cross-section AWG finely stranded	AWG 16 - AWG 12
Width	89 mm
Width, inches	3.5 in
Height	89 mm
Height, inches	3.5 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	3-pole, 4 conductors
Weight	0.3 kg
Weight	0.66 lb

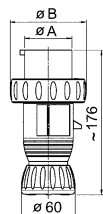
Mounting / Installation

Connection	Screw terminal
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Components

Cable diameter	8 ... 18 mm
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



2 P + PE: A = 43.5 mm B = 76 mm

3 P + PE: A = 49 mm B = 89 mm

3 P + N + PE: A = 56.5 mm B = 92 mm

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.