



The new generation of explosion protected plugs and sockets has a name: SolConeX. It is manufactured by R. STAHL Schaltgeräte GmbH and it's the world's **most modern** product series of its type.

**SolConeX** is the innovative follow-up series to the reliable, globally trusted CES family and is of course 100 % **compatible** with predecessor plugs and sockets. Whether the 16 A or the 32 A version, these plugs and sockets combine user-friendly installation, safety without compromise and **unique** new advantages. The **modular** design supports a **flexible** range of applications. The easily recognised, large switching handle is now integrated in the socket flange along with the load isolating switch. This simplifies safe installation in the spacious terminal chamber, making the engineering of small socket panels possible and significantly reduces the weight of the **compact** sockets. For long distances between the distribution panel and the sockets the 16A SolConeX now offers a maximum

connection cross-sectional area of 6 mm<sup>2</sup>. The plugs are equipped with a unique, interior "swing-away" strain relief which guarantees an easy, error-free wiring connection. SolConeX is the first plug-and-socket series that can accommodate up to two optional, **retrofitable** auxiliary contacts. An integration in an automation system after the initial installation is surprisingly easy to implement due to the optionally available Ex i auxiliary contacts. The plugs and sockets have been designed to meet all international installation technologies. The coding for voltage, frequency and pin configuration meets IEC 60309 requirements. As a result, these plugs and sockets can be used **around the world**. SolConeX, our new global player, is certified in accordance with ATEX for the use in Zone 1, Zone 2, Zone 21 and Zone 22. The high level of protection (IP 66) in all positions of use assures that these devices have their place in multiple applications.





# SolConeX plugs and sockets

Our new global player

## Ex Plugs and Sockets

### Type 8570 (16 A) and 8571 (32 A)

Special versions with intrinsically safe auxiliary contacts

## Explosion protection

Installation

Approvals

## Versions

Types

Material, enclosure

Connection

Cable entries

Number of pins

## Technical Data

Rated voltage

Rated current

Switching capacity

Type of protection (IEC 60529)

Ambient temperature

## Auxiliary contacts

Rated voltage

Rated current

Connection

## Technical specifications

II 2 G EEx ed IIC T6 und II 2 D IP 66 T80 °C

II 2 G EEx ed [ia] IIC T6

In Zone 1, Zone 2, Zone 21 and Zone 22

Type 8570 (16 A): PTB 03 ATEX 1227, Type 8571 (32 A): applied for

Sockets, plugs and flange sockets (fitted into an Ex e housing)

Polyamide GF30

Socket 8570/11 (16 A): 2 x 1,5–4 mm<sup>2</sup> fine-strand flexible (6 mm<sup>2</sup> single-wire)

Plug 8570/12 (16 A): 1 x 1,5–4 mm<sup>2</sup> fine-strand flexible

Socket 8571/11 (32 A): 2 x 2,5–6 mm<sup>2</sup> fine-strand flexible (10 mm<sup>2</sup> single-wire)

Plug 8571/12 (32 A): 1 x 2,5–10 mm<sup>2</sup> fine-strand flexible

Socket 8570/11 (16 A): 7–17 mm (M25)

Plug 8570/12 (16 A): 8–20 mm

Socket 8571/11 (32 A): 13–21 mm (M32)

Plug 8571/12 (32 A): 15–28 mm

Type 8570 (16 A): 3, 4 and 5-pin

Type 8571 (32 A): 4- and 5-pin

max. 690 V AC

Type 8570: 16 A, Type 8571: 32 A

AC 3, 690 V

IP 66

-30 °C to +55 °C

max. 500 V AC

6 A

2 x 0,5–2,5 mm<sup>2</sup> fine-strand flexible

## For more information please contact

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