- Degree of protection IP66, suitable for Zones 1, 2, 21 and 22 worldwide, extreme temperature range of –50 … +55 °C
- No impact of torsional forces from the cable on the seal
- Full compatibility between SolConeX and CES devices

WebCode **8571E**

R. STAHL Series 8571/12 SolConeX plugs for Zone 1/21 are 4- or 5-pole 32 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.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

Detailed number of poles Rated operational current			4 P (3 P + PE) 25 A						
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-30 … +55 °C	10	51 – 690 V	Green	100 – 300 Hz	8571/12-410	150907	10	0.500

Detailed number of poles Rated operational current			4 P (3 P + PE) 32 A						
Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-30 … +55 °C	5	600 – 690 V	Black	50 – 60 Hz	8571/12-405	150903▲	10	0.500
		6	380 – 415 V	Red	50 – 60 Hz	8571/12-406	150891▲	10	0.500
		7	480 – 500 V	Black	50 – 60 Hz	8571/12-407	150895▲	10	0.500
		9	200 – 250 V	Blue	50 – 60 Hz	8571/12-409	150899▲	10	0.500
		11	440 – 460 V	Red	60 – 60 Hz	8571/12-411	150911▲	10	0.500

▲ Preferred products – in stock or available at short notice

E3

Selection Table

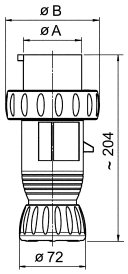
Detailed number of poles: 5 P (3 P + N + PE)
Rated operational current: 32 A

Figure	Ambient temperature °C	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	PS	Weight kg
	-30 … +55 °C	3	220 – 380 V	Red	50 – 50 Hz	8571/12-503	220033	10	0.600
		4	57 – 75 V / 100 – 130 V	Yellow	50 – 60 Hz	8571/12-504	220034	10	0.600
		5	347 – 400 V / 600 – 690 V	Black	50 – 60 Hz	8571/12-505	150877 ▲	10	0.600
		6	200 – 240 V / 346 – 415 V	Red	50 – 60 Hz	8571/12-506	150855 ▲	10	0.600
		7	277 – 288 V / 480 – 500 V	Black	50 – 60 Hz	8571/12-507	150864 ▲	10	0.600
		9	120 – 144 V / 208 – 250 V	Blue	50 – 60 Hz	8571/12-509	150871 ▲	10	0.600
		11	250 – 265 V / 440 – 460 V	Red	60 – 60 Hz	8571/12-511	150883 ▲	10	0.600

Technical Data

Explosion Protection	
Ambient temperature °C	-30 … +55 °C
Gas explosion protection IECEx	Ex db eb IIC T5 Gb
Gas explosion protection ATEX	Ⓔx II 2 G Ex db eb IIC T5 Gb
Gas explosion protection EAC	2 Ex de IIC T6/T5 2 Ex de [ia] IIC T6/T5
Dust explosion protection IECEx	Ex tb IIIC T75 °C Db
Dust explosion protection ATEX	Ⓔx II 2 D Ex tb IIIC T75 °C Db
Dust explosion protection EAC	Ex tD A21 IP 66 T60 °C, T75 °C
Ambient temperature °C 2	-30 … +40 °C
Gas explosion protection IECEx 2	Ex db eb IIC T6 Gb
Gas explosion protection ATEX 2	Ⓔx II 2 G Ex db eb IIC T6 Gb
Dust explosion protection IECEx 2	Ex tb IIIC T60 °C Db
Dust Explosion Protection ATEX 2	Ⓔx II 2 D Ex tb IIIC T60 °C Db
Certificates	ATEX (PTB), Brazil (ULB), EAC (STV), IECEx (PTB)
Ambient Conditions	
Notes	Silicone is used as a sealing material for variants with an ambient temperature of -50 °C.
Mechanical Data	
Degree of protection (IP)	IP66
Degree of protection note	according to IEC/EN 60529
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Connection terminals min.	2.5 mm²
Connection terminals finely-stranded max.	2 x 10 mm²
Components	
Cable diameter	13 – 28 mm
Cable diameter note	Ring 1 + 2 + 3 + 4 + 5: 13 ... 16 mm Ring 2 + 3 + 4 + 5: 16 ... 19 mm Ring 3 + 4 + 5: 19 ... 22 mm Ring 4 + 5: 22 ... 25 mm Ring 5: 25 ... 28 mm

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



4 P (3 P + PE): A = 57 mm B = 99 mm
5 P (3 P + N + PE): A = 63.4 mm B = 104 mm