



- Full compatibility between SolConeX and CES devices
- 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

E3

MY R. STAHL 8571E



The R. STAHL Series 8571/12 SolConeX plugs for Zone 1/21 are 4- or 5-pole versions up to 32 A. They can be plugged and unplugged simply and easily 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.

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

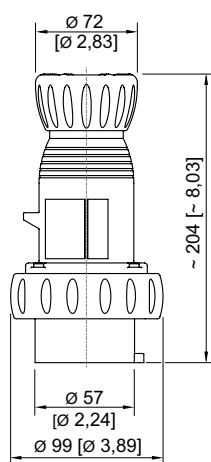
Selection Table								
Product Description		Plug 32 A Plug						
Figure	Detailed number of poles	Coding (clock hour position)	Rated operational voltage AC	Colour code	Frequency range	Product Type	Art. No.	Weight
	3 P + N + PE	3	220/380 V AC	Red	50 Hz	8571/12-503	220033	600 g
		4	57/100 to 75/130 V AC	Yellow	50 / 60 Hz	8571/12-504	220034	600 g
		5	347/600 to 400/690 V AC	Black	50 / 60 Hz	8571/12-505	150877	600 g
		6	200/346 to 240/415 V AC	Red	50 / 60 Hz	8571/12-506	150855	600 g
		7	277/480 to 288/500 V AC	Black	50 / 60 Hz	8571/12-507	150864	600 g
		9	120/208 to 144/250 V AC	Blue	50 / 60 Hz	8571/12-509	150871	600 g
		11	250/440 to 265/460 V AC	Red	60 Hz	8571/12-511	150883	600 g
	3 P + PE	5	600 to 690 V AC	Black	50 / 60 Hz	8571/12-405	150903	500 g
		6	380 to 415 V AC	Red	50 / 60 Hz	8571/12-406	150891	500 g
		7	480 to 500 V AC	Black	50 / 60 Hz	8571/12-407	150895	500 g
		9	200 to 250 V AC	Blue	50 / 60 Hz	8571/12-409	150899	500 g
		10	> 50 V AC	Green	100 – 300 Hz	8571/12-410	150907	500 g
11	440 to 460 V AC	Red	60 Hz	8571/12-411	150911	500 g		

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex db eb IIC T6 ... T5 Gb

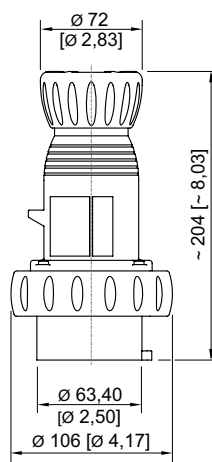
Technical Data	
Explosion Protection	
IECEx dust explosion protection	Ex tb IIIC T60 °C / T75 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex db eb IIC T6 ... T5 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T60 °C / T75 °C Db
Certificates	IECEx (PTB), Korea (KGS), Taiwan (ITRI)
Explosion protection note	Product label may vary. Series devices are labelled with ATEX and IECEx.
Electrical Data	
Rated operational current	max. 32 A
Notes	The current must be reduced to 25 A for frequencies ≥ 100 Hz
Ambient Conditions	
Ambient temperature	-30 °C ... +40 °C (T6) -30 °C ... +55 °C (T5)
Notes	Variants with a temperature range of -50 to +55 °C are available on request; silicone as sealing material For further information, see the operating instructions.
Mechanical Data	
Degree of protection IP (IEC 60529)	IP66
IP degree of protection (IEC 60079)	IP66
Enclosure material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Finely stranded connection cross-section	1 x 2.5 mm ² ... 1 x 10 mm ²
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	IK10
Components	
Cable diameter	13 – 25 mm

Accessories			
Figure	Description	Art. No.	Weight
Protective cap for Series 8571 plug			
	4-pole	150856	70 g
	5-pole	150865	77 g

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



4-pole plug

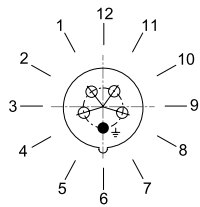


5-pole plug

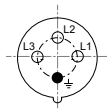
Arrangement of contact pins

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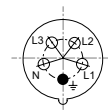
Position of clock hour position
Example: 6 h position



Arrangement of contact pins and terminal markings



3 P + PE



3 P + N + PE

Arrangement of contact pins and terminal markings in the 6 h position
(view from the front side)