- Provides WiFi functionality for Cl. I, II, Div. 1
- Project-specific built-in components for WiFi or other wireless technologies of your choice
- Robust field enclosure suitable for industrial applications

MY R. STAHL 8265C

The Series 8265 WiFi access point enables wireless data transmission via WiFi in Cl. I, II, Div. 1, for instance in order to retrieve data or control processes via smartphone, tablet or notebook. The WiFi access point is easy to install and can also be used across a wide range of temperatures and in virtually all conditions thanks to its robust enclosure.

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

NEC® 500 CE Code Appendix J						
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Installation in	•	•	•	•		

CE Code Section 18 NEC® 505 / NEC® 506						
	Class I					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

Version	8265/5 Ex d enclosure
Product Description	WLAN access point According to specification

Grid-bound interface	Antenna cable interface	Product Type	Art. No.	Weight
Ethernet 100BASE-T, 1000BASE-T	N-type socket, intrinsically safe Ex ia	8265/6.-….		-

The radio interface uses 2.4 and 5 GHz ISM frequency bands.
Please note that local regulations may limit the use of the device.

Please contact your responsible distributor for further ordering information.

Technical Data

Explosion Protection	
IECEx gas explosion protection	Ex d e [ia Ga] IIC T6 Gb
IECEx dust explosion protection	Ex tb [ia Da] IIIC T130 °C Db
ATEX gas explosion protection	⟨Ex⟩ II 2 (1) G Ex d e [ia Ga] IIC T6 Gb
ATEX dust explosion protection	⟨Ex⟩ II 2 (1) D Ex tb [ia Da] IIIC T130 °C Db
Certificates	ATEX (PTB)
Electrical Data	
Antenna diversity	MIMO
Radio standards	802.11 depending on the built-in device
Configuration	Like single device
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C Depending on the built-in device
Mechanical Data	
Degree of protection (IP)	IP66
Min. dimensions	236 x 236 x 227 mm

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WiFi access point
Series 8265 For use in Class I, II, Div. 1

STAHL

Technical Data

Mechanical Data	
Max. dimensions	335 x 505 x 281 mm
Dimensions note	Depending on the built-in device
Components	
Available for Aruba	AP92, AP-324 and others
Available for Cisco	Cisco 2702e, Cisco 2802e
Available for ProSoft	RLX2-IHNF
Available for Siemens	SCALANCE W1788,W780,W770,W760

Accessories

Figure	Description	Art. No.	Weight
Antennas			
	Omnidirectional, 2.4/5 GHz ISM band Antenna gain 6/8 dBi	270533	370 g
Installation kit			
	Installation kit for the antenna	207408	160 g

Antennas for offshore use are available on request.