



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

MY R. STAHL 8265C



The 8265 series Wi-Fi access point enables wireless data transmission via Wi-Fi in Cl. I, II, Div. 1, for instance in order to retrieve data or control processes via smartphone, tablet or notebook. The Wi-Fi access point is easy to install and can also be used over a large temperature range and in virtually all conditions thanks to its robust enclosure.

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

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

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

Selection Table					
Version	8265/6 Ex d enclosure				
Product Description	Wi-Fi 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 ISM, 2.4 GHz and 5 GHz frequency bands. Please note that local regulations may limit the use of the device.

Please contact your responsible distributor for ordering information.

Technical Data	
Explosion Protection	
Marking ETLus	Class I, Div. 1, Groups A,B,C,D Class II Div. 1, Groups F,G
Marking cETL	Class I, Zone 1, IIC, T5 Zone 21, IIB, T5
IECEX gas explosion protection	Ex d e [ia Ga] IIC T6 Gb
IECEX dust explosion protection	Ex tb [ia Da] IIC T130 °C Db
Certificates	ATEX (PTB), EAC (CCVE), CAN (ETL), IECEX (PTB), USA (ETL)
Electrical Data	
Antenna diversity	MIMO
Radio standards	802.11 depending on the built-in device
Configuration	depends on the built-in device
Ambient Conditions	
Ambient temperature °F	-4°F ... +140°F Depending on the built-in device

Technical Data

Ambient Conditions

Ambient temperature °C -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

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 use in the offshore applications are available on request.