



- Provides Wi-Fi functionality for Zones 1 and
- Project-specific built-in components for Wi-Fi or other wireless technologies of your choice
- Robust field enclosure suitable for industrial applications

A5

WebCode **8265C**



The 8265 series Wi-Fi access point enables wireless data transmission via Wi-Fi in Zone 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.

	IECEX / ATEX					
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	8265/5-....	273558	-	





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	⊕ II 2 (1) G Ex d e [ia Ga] IIC T6 Gb
ATEX dust explosion protection	⊕ II 2 (1) D Ex tb [ia Da] IIIC T130 °C Db
Electrical Data	
Antenna diversity	MIMO
Radio standards	802.11
Configuration	Depends on installed device
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C Depends on installed 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	Depends on installed device
Components	
Available for Aruba	AP-324, AP-318, AP-518
Available for Cisco	2802e, 3802e, ESW6300, Catalyst

Technical Data

Components

Available for ProSoft	RLX2-IHNF
Available for Siemens	SCALANCE W1788,W780,W770,W760

Accessories

Figure	Description	Art. No.	Weight
Antennas			
	Frequency range: 2.4 ... 2.485 GHz 5.15 ... 5.875 GHz Antenna gain: 4.7 dBi @ 2.4 GHz 3.4 dBi @ 5 GHz Connection: N-male (suitable for 9730/37-25 und 9731) The antenna has been assessed as a simple apparatus acc. to EN 60079-11.	292908	110 g
	Frequency range: 2.4 ... 2.485 GHz 5.15 ... 5.875 GHz Antenna gain: 4.7 dBi @ 2.4 GHz 3.4 dBi @ 5 GHz Connection: N-female (suitable for remote mounting) The antenna has been assessed as a simple apparatus acc. to EN 60079-11.	292909	110 g
	Frequency range: GSM (850/900/1800/1900) 3G (UMTS) (800-2100) 4G - LTE (Bands 1, 2, 3, 4, 7, 10, 23, 25, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 65, 66) Max. antenna gain: 2 dBi Connection: N-male (suitable for 9730/37-25 and 9731) The antenna has been assessed as a simple apparatus acc. to EN 60079-11.	292910	120 g
Mounting kit			
	Mounting kit for antenna	207408	160 g

Antennas for use in the offshore applications are available on request.