

8265/6.-....



- 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

WebCode **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.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 07.0029
IECEX gas explosion protection	Ex d e [ia Ga] IIC T6 Gb
IECEX dust certificate	IECEX PTB 07.0029
IECEX dust explosion protection	Ex tb [ia Da] IIIC T130 °C Db
ATEX gas certificate	PTB 06 ATEX 1077
ATEX gas explosion protection	Ex II 2 (1) G Ex d e [ia Ga] IIC T6 Gb
ATEX dust certificate	PTB 06 ATEX 1077
ATEX dust explosion protection	Ex II 2 (1) D Ex tb [ia Da] IIIC T130 °C Db
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
EAC certificate	TS RU S-DE.GB04.B.00111
EAC gas explosion protection	Ex d IIC U Ex de IIC U
EAC dust explosion protection	Ex tD A21 IP66
Certificates	ATEX (PTB), EAC (CCVE) ATEX (PTB), EAC (CCVE), CAN (ETL), IECEX (PTB), USA (ETL)

Electrical Data

Protocols	802.11 a, b, g, n, ac
Antenna diversity	MIMO
Inner wireless interface range	Max. 50 m
Outer wireless interface range	Max. 200 m
Radio standards	802.11 depending on the built-in device

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Electrical Data

Data interface	100BaseTX / 1000BaseTX
Frequency band	2.4 & 5 GHz ISM band
Data interface protocol	Ethernet
Data interface connection	RJ45
Grid-bound interface	Ethernet 100BASE-T, 1000BASE-T
Auxiliary power PoE	Yes
Data interface transmission range	Max. 100 m
Configuration	Like single device
Antenna cable interface	N-type socket, intrinsically safe Ex ia

Ambient Conditions

Ambient temperature	-20 °C ... +60 °C Depending on the built-in device
Ambient temperature	-4°F ... +140°F Depending on the built-in device
Use at the height of	≤ 2000 m

Mechanical Data

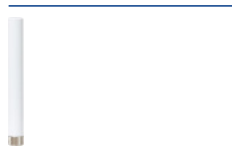
Version	8265/5 Ex d enclosure
Degree of protection (IP)	IP66
Enclosure material	Aluminium, copper-free, Seawater-resistant
Min. dimensions	236 x 236 x 227 mm
Max. dimensions	335 x 505 x 281 mm
Dimensions note	Depending on the built-in device

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

Antennas

		Art. No.
	Omnidirectional, 2.4 / 5 GHz ISM band 6/8 dBi antenna gain	270533

Mounting kit

		Art. No.
	Mounting kit for antenna	207408

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