



Wireless Access Point (Ex d)

GUB3L.I.CP-Y*

- Aluminum alloy
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Ex d and Ex tb certified
- Gas group IIC
- Use of industrial Wireless Access Points in hazardous areas
- External antennas for best possible signal dispersion
- Customizable configuration of WI-FI and network devices and cable entries as per specification
- Image and drawing are generic for this device type and may deviate from the specific variant

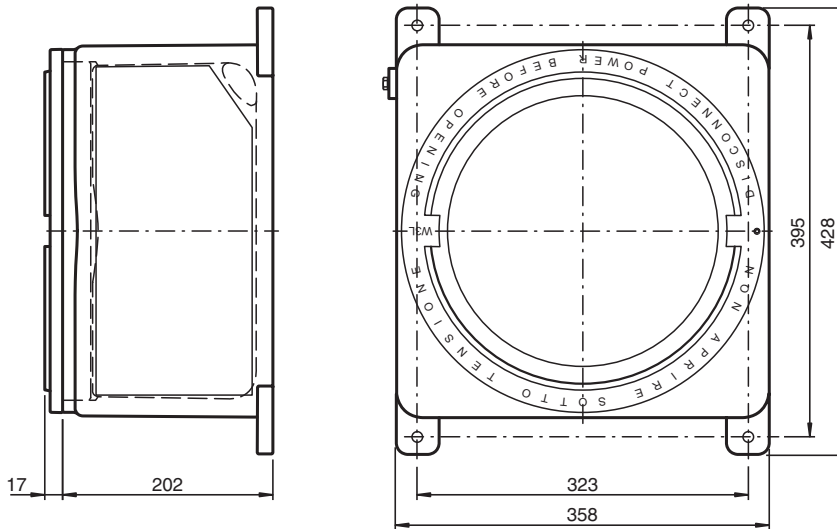
Wireless Access Point in aluminum alloy enclosure for use in explosion-hazardous areas



Function

Based on an aluminum alloy enclosure, this Wireless Access Point solution is specifically designed for installation in hazardous areas, including Zone 1, Zone 2, Zone 21, and Zone 22. The system allows the use of industrial Wireless Access Points in hazardous areas, ensuring seamless connectivity while maintaining safety standards. In addition to the Wireless Access Point, the solution also includes a patch panel to quickly connect the Wireless Access Point to the company's own network. Pepperl+Fuchs solution engineering teams offer many size and design options for the Ex d IIC and Ex tb certified flameproof enclosures with any custom configuration including WI-FI and network devices and cable entries to meet various requirements. Explosion-proof antennas are mounted on the enclosure to ensure the best possible distribution of radio frequency signals.

Dimensions



Technical Data

Electrical specifications

Operating voltage	1500 V DC / 1000 V AC max.
Operating current	recommended: 1600 A max.

Mechanical specifications

Thread type	metric ISO pitch 1.5 mm or NPT ANSI ASME B1.20.1
Enclosure cover	threaded round cover
Cover fixing	flamepath thread
Cover seal	none, O-ring for IP66/67
Degree of protection	IP66 (IP66/IP67 with O-ring)

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Technical Data

Material	
Enclosure	aluminum alloy
Finish	epoxy coated RAL 7005 (grey)
O-Ring	silicone
Mass	21 kg
Dimensions	360 mm x 360 mm x 219 mm values might differ slightly due to casting and manufacturing tolerances
Mounting	see datasheets of relevant enclosures
Grounding	M6 external grounding points
Ambient conditions	
Ambient temperature	-40 ... 50 °C (-40 ... 122 °F) depending on integrated components
Data for application in connection with hazardous areas	
EU-type examination certificate	INERIS 14 ATEX 0035X
Marking	⊕ II 2 GD Ex db IIC T* Gb Ex tb IIIC T** °C Db T6/T85 °C T5/T100 °C T4/T135 °C T3/T200 °C depending on configuration, ambient temperature and built-in power loss
International approvals	
IECEX approval	IECEX INE 14.0042X
Further approvals	available on request
Conformity	
Degree of protection	EN 60529
CE marking	0080 or 0102, see type label
General information	
Ordering information	This Wireless Access Point solution will be delivered completely configured and assembled ready for use. For configuration details please contact customer service.
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com .
General specifications	
Installed components	All major WI-FI Access Point vendors such as Aruba, Cisco, ect.

Type Code

1	2	3	4	5	6	7	8
GUB	*	*	*	*	.	*	*
GUB				3L	.	I	CP
							Y0001

Example: GUB3L.I.CP-Y0001

Control panel GUB size 3L in aluminum, intrinsically safe circuits integrated

1	Enclosure type
GUB	enclosure Ex d IIC
2	Material
	copper-free aluminum
3	Window
	no window
W	window
4	Enclosure variant
	standard variant
E	variant with extension
5	Enclosure size
00 ... 5	see datasheets of relevant enclosures

Type Code

6	Electrical circuits
D	without intrinsically safe circuits
I	intrinsically safe circuits integrated

7	Type of application
CP	control panel

8	Variant number
Y*	consecutive number