P-Ex WLAN

PRIMATION®
Systemtechnik

Explosion Protection

Device Groups / Application Areas:
Mining (Stainless Steel):
   I M2   Ex eb qb [ib] I
   I M2   Ex e q [ib] I Mb
Gas:
   II 2G   Ex eb qb [ib] IIC T4
   II 2G   Ex e q [ib] IIC T4 Gb
Dust:
   II 2D   Ex tb IIIC T135°C
   II 2D   Ex tb IIIC T135°C Db
Regulatory Approval:
IBExU14ATEX1114

Specifications

Ethernet:
One 100 BaseT Port
Dualband IEEE 802.11 a/b/g/n
LED Link/Activity Status Indication

Operating Temperature:
-20°C to +60°C
Input Voltage:
DC: 18-28V DC, redundant
Alternateive Power over Ethernet (PoE),
NOT IEEE 802.3af (no 48V)
Recommended fuse: 1 A time lag fuse

Connectors:
1 x 100 Mbit copper
1 x Power

Dimensions: (height x width x depth)
270 mm x 150 mm x 60 mm
305 mm with antenna

Weight:
3,3 kg (aluminum housing)
4,5 kg (stainless steel housing)

Environment IP rating (EN60529):
IP 64

ExLoc
INSTRUMENTS

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ATEX Zone I WLAN Access Point, Router or Bridge.

Compact housing with maximum performance and flexibility. Prepared for use in 2GHz or 5GHz Band.

Highlights:
- 680 MHz CPU for outstanding routing performance
- Works in 2 GHz or 5 GHz Band
- IEEE 802.11 a/b/g/n
- Security features: 64/128 bit WEP, TKIP and AES-CCM encryption, WPA, WPA2
- Stand alone or Controller operation
- Configurable as Access Point, Router or Bridge
- Encrypted Point-to-Point radio communication

Antennas:
- 2,4/5 GHz Antennas are scope of delivery
- Certified rod aerial available as accessory

Order Nr.	Description:
P-Ex WLAN-DC-A	Ethernet Port, DC, aluminum housing
P-Ex WLAN-DC-S	Ethernet Port,DC, stainless steel housing