

**High flexibility.
Ergonomic operation.
Excellent performance.**

ecom
A PEPPERL+FUCHS BRAND

Bluetooth Scanner
for Hazardous Areas



Your automation, our passion.

f P PEPPERL+FUCHS

Ident-Ex[®] 01



BENEFITS

- Ultra-rugged
- Outstanding head modules performances
- Easy to use, with one hand
- Pairable with any Bluetooth device
- Flexibility – online / offline scanning & changeable head modules
- Lower risk interface to ecom products
- Lower cost – prevents legacy tag replacement
- Ideal for intensive scanning and 12 hour shifts
- Lower damage / fouling risk = lower downtime risk
- Improved global safety & lower inventory cost
- Optional Service Level Agreement 3 years (SLA)

MODULAR HEAD DESIGN

Using an unique modular design, Ident-Ex[®] 01 can be specifically configured to the customer's requirements by selecting different head modules. When requirements change, the head module on the unit can be replaced by one of the ecom-approved Service Centres. For an overview of all currently available head modules, please have a look in the Ident-Ex[®] 01 configurator on <https://www.ecom-ex.com>.

CERTIFICATION



Ⓢ II 2G Ex ib IIC T4 Gb IP64
 Ⓢ II 2D Ex ib IIIC T135°C Db IP 6X



Ex ib IIC T4 Gb IP64
 Ex ib IIIC T135°C Db IP 6X

NEC
 &
 CEC

Class I, II, III Div. 1 Groups A-G, T4, T135°C
 Cl I Zn 1, AEx ia IIC T4 Gb IP64
 Cl II Zn 21, AEx ia IIIC T135°C Db IP64
 Ex ia IIC T4 Gb
 Ex ia IIIC T135°C Db



BLUETOOTH SCANNER, READER & IMAGER

HEADMODULE

1 BARCODE
2D Multi-Range Barcode Imager
1D Laserscanner



2 RFID
LF 125 / 134 KHz
HF 13,56 MHz
UHF 868 MHz
UHF 915 MHz



3 RFID & 1D COMBIMODULE

SCOPE OF DELIVERY

- Ident-Ex® 01
- Head module
- Charging cable
- Travel charger
- Instruction manual
- Safety instructions

ACCESSORIES

- Leather holster
- Hand strap
- Retractable lanyard
- Docking station
- Software application
- Leather case for retractable lanyard



Bluetooth Scanner Ident-Ex® 01

ATEX / IECEX ZONE 1/21, NEC/CEC CLASS 1 DIVISION 1

TECHNICAL SPECIFICATIONS

Dimensions	With Ex-25 head module: 235 x 84 x 58mm Remaining head modules: 221 x 84 x 58mm
Weight	425-560g (depends on head module)
Battery	Li-Ion rechargeable; 12+ hours; 10.000+ scans with one battery charge
Internal Storage	Offline Batchmode 2 MBytes, 2D QR barcodes = 500+, RFID tags (ID only) = 500+
Bluetooth	Class II, up to approx. 10 meters
Scan Performance	RFID ¹ = up to 1.5m Barcode = 15 cm to 15 m

¹ Tag & environment dependent



Connectivity via
Bluetooth

Your automation, our passion.

Explosion Protection

- Intrinsic Safety Barriers
- Signal Conditioners
- FieldConnex® Fieldbus
- Remote I/O Systems
- Electrical Ex Equipment
- Purge and Pressurization
- Industrial HMI
- Mobile Computing and Communications
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity