

**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

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

<sup>1</sup> 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



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