

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

**ecom**  
A PEPPERL+FUCHS BRAND

Bluetooth Scanner  
for Hazardous Areas



Your automation, our passion.

**PF** PEPPERL+FUCHS

# Ident-Ex<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 01 configurator on <https://www.ecom-ex.com>.

## CERTIFICATION

<b>ATEX</b> 	Ⓜ II 2G Ex ib op is IIC T4 Gb Ⓜ II 2D Ex ib op is IIIC T135°C Db
<b>IECEX</b> 	Ex ib op is IIC T4 Gb Ex ib op is IIIC T135°C Db
<b>NEC &amp; CEC</b>	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 AND READER

## HEAD MODULES

NL-TLB30-B*	125/134 kHz LF RFID, AirCoil
NF-TLB30-B*	125/134 kHz LF RFID, Ferrite Antenna
NH-UNI13-B*	13.56 MHz HF RFID
NE-UNI900-A*	868 MHz UHF RFID
NU-UNI900-A*	915 MHz UHF RFID
NT-LID-B*	TROVAN LF RFID R/W Module
ZN-SE965-A*	1D Laser Barcode Scanner
ZL-SE965-TLB30-A*	Kombi Module 1D Barcode + LF RFID, Air Coil
ZF-SE965-TLB30-A*	Kombi Module 1D Barcode + LF RFID, Ferrite Antenna
ZH-SE965-UNI13-A*	Kombi Module 1D Barcode + HF RFID
ZT-SE965-LID-A*	Kombi Module 1D Barcode + Trovan

## SCOPE OF DELIVERY

- Ident-Ex® 01
- Head module
- Charging cable
- Travel charger
- Operating Instructions
- Safety instructions
- Safety Manual

## 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	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; Barcodes = 500+; RFID* tags (ID only) = 500+
Bluetooth	Class II, up to approx. 10 meters
Scan Performance*	RFID = up to 1.5m Barcode = 3 cm to 5m *The reading range depends on the RFID tag type, barcode type and the environment.



# 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