High flexibility.
Ergonomic operation.
Excellent performance.

Bluetooth Scanner
for Hazardous Areas

ecom
A PEPPERL+FUCHS BRAND

Your automation, our passion.

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 differenthead 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

ATEX	⟨Ex⟩ II 2G Ex ib IIC T4 Gb IP64
	⟨Ex⟩ II 2D Ex ib IIIC T135°C Db IP 6X
IECEx	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

ecom

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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

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