



Intrinsically safe Bluetooth® handheld



## Intrinsically safe Bluetooth® handheld

Ident-Ex 01 NH\_DZ1

- Ultra-rugged
- Outstanding head modules performances
- Easy to use, with one hand
- High flexibility due to interchangeable head modules
- Pairable with any Bluetooth device
- Ideal for intensive and challenging data collection
- Lower cost - prevents legacy tag replacement
- Ideal for intensive scanning and 12 hour shifts

Ident-Ex® 01, Part No. 70118471, Zone 1/21 and Div. 1, with RFID reader module



Bluetooth®

### Technical Data

#### General specifications

Description	RFID reader
Operating frequency	13.56 MHz HF

#### Hardware

Scanner	Scan performance*: RFID = up to 1.5 m Barcode = 3 cm to 5 m * The reading range depends on the RFID tag type, barcode type and the environment.
Internal data memory	Offline batch mode 2 MBytes; Barcodes = 500+; RFID* tags (ID only) = 500+

#### Electrical specifications

Battery type	Li-Ion battery Rechargeable 10.000+ scans with one battery charge
Operating duration	approx. 12 h

#### Communication

Bluetooth	Class II, up to approx. 10 meters
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#### Standard conformity

RFID	ISO/IEC 15693 ISO/IEC 14443 ISO/IEC 18000-3 (I-CODE   NTAG   my D™ Infineon)
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#### Software

Applications	eSETUP Ident-Ex®, eSETTINGS Ident-Ex® (API DEMO)
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#### Mechanical specifications

Degree of protection	IP64 EN IEC 60079-0 (ATEX/ IECEx)
Mass	499 g
Dimensions	221 mm x 84 mm x 58 mm

#### Data for application in connection with hazardous areas

ATEX approval	
ATEX marking	Ⓜ II 2D Ex ib IIIC T135°C Db IP6X Ⓜ II 2G Ex ib IIC T4 Gb IP64

#### International approvals

SGS approval	
SGS marking	Class I, II, III, Division 1 Groups A-G, T4, T 135°C CI I Zn 1, AEx ia IIC T4 Gb IP64
IECEx approval	

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**Technical Data**

IECEX marking	Ex ib IIC T4 Gb IP64 Ex ib IIIC T135°C Db IP 6X
<b>General information</b>	
Note	For more information, visit <a href="http://ecom-ex.com">ecom-ex.com</a> .
Scope of delivery	Ident-Ex® Head module Charging cable Charger Documentation