## Data Sheet Smart-Ex® 02 DZ1

### Operating System
- Android™ 9.0

### Processor
- Qualcomm Snapdragon 450 platform

### Band
- Cellular frequency bands:
  - 4G LTE FDD: B1, B2, B3, B4, B5, B7, B8, B11, B12, B13, B20, B21, B25, B26, B28, B66, B71
  - 4G LTE TDD: B38, B39, B40, B41
  - 3G UMTS: 850 / 900 / 1700 / 1900 MHz
  - 2G GSM: 850 / 900 / 1800 / 1900 MHz

### Memory
- 3 GB RAM + 32 GB ROM; SD card up to 128 GB

### Display
- 12.7 cm (5.0 inch) extreme shock and scratch resistant Gorilla® Glass with glove touch and wet mode

### Ports
- 3.5 mm jack connection with special ecom mounting solution
- 7-pins water-proof magnetic USB 2.0 connector

### Dimensions
- 163 x 82 x 22 mm

### Weight
- approx. 380 g

### Connectivity
- 4G / LTE -standard (SIM unlocked); LTE Dual Sim; Nano SIM
- WiFi 2.4 Ghz and 5 Ghz support
- WiFi standards 802.11 a/b/g/n/ac/e/k/r/h
- Bluetooth® 4.2 incl. BLE (Bluetooth Low Energy)
- GPS / A-GPS / Glonass / Biedou / Galileo
- NFC

### Camera
- 12 MP rear with autofocus and LED flash with flashlight function / 5 MP front (optional)

### Battery
- Replaceable Li-Ion Battery pack with 3.7 V / 4400 mAh / 16.28 Wh

### Protection class
- IP68, MIL-STD-810G

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**ATEX**

- II 2G Ex ib op is IIC T4 Gb IP64
- II 2D Ex ib op is IIIC T120°C Db
- Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

*(pending)*

**IECEX**

- Ex ib op is IIC T4 Gb IP64
- Ex ib op is IIIC T120°C Db
- Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

*(pending)*

**NEC & CEC**

- Class I, II, III Div. 1 Groups A-G T4
- Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

*(pending)*