



## Intrinsically-Safe Continuity Tester Ex-DT 12

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**Actual size**

Continuity tester with acoustic and optical indication for fast testing of electrical continuity in Ex-hazardous areas.

The Ex-DT 12 Intrinsically-Safe continuity tester is a handy and robust testing device for use in Ex-hazardous areas. The electronics are housed in the test probe, which means that both hands are free to be able to carry out the test operation.

**Application:**

- Testing of wiring and electrical contacts
- Testing of resistances
- Testing of capacities
- Testing of inductivities
- Establishing the transmitting direction of semi-conductors

**Ex-Daten:**

Ex-designation:  
⊕ II 2 G EEx ia IIC T4

EC-Certificate of Conformity:  
TÜV 03 ATEX 2120



The combination of optical and acoustic indication allows usage even in noisy environments.

**Technical data:**

Working temperature:	-20°C ... +50°C
Resistance:	10Ω - 450kΩ
Inductivity test:	10mH – 1H
Capacity test:	0,5μF – 1000μF
Diode test:	2 diode sections
Max. external inductivity	1H
Max. external capacity	1000F
Max. error output flow I <sub>o</sub>	5mA
Max. error output voltage U <sub>o</sub>	3.3V
Max. external voltage resistance outside of ex-zone	U <sub>m</sub> = 420V
Duration of operation:	approx. 20h (continuous)
Visual readout:	4 x LED (in test probe)
Acoustic readout:	loudspeaker
Test probe dimensions: (Minus pol)	50 x 180 mm (l x )
Overall length:	1,70 m (test probe to test probe)
Weight:	approx. 200g (including batteries)
Power supply:	2 x LR03 to IEC

**Standard delivery:**

Ex-DT 12  
2 protective caps  
2 x LR03 (AAA) batteries

**Accessories:**

Protective caps  
Spare battery LR03(AAA)