

Intrinsically-Safe Continuity Tester Ex-DT 12

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.

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

Application:

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

Standard delivery:

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

Accessories:

- Protective caps
- Spare battery LR03(AAA)



Ex-data:

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

EC-Certificate of conformity:
TÜV 03 ATEX 2120

Technical data:

Operating 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:	1000μF
Max. error output flow I _O :	5mA
Max. error output voltage U _O :	3.3V
Max. external voltage resistance outside of ex-zone:	U _m = 420V _{eff}
Operating time:	approx. 20h (continuous)
Visual readout:	4 x LED (in test probe)
Acoustic readout:	loudspeaker
Test probe dimensions (Minus pol):	50 x 180 mm (ø x l)
Overall length:	1.40 m (test probe to test probe)
Weight:	approx. 200g (including batteries)
Power supply:	2 x LR03 to IEC, type approved