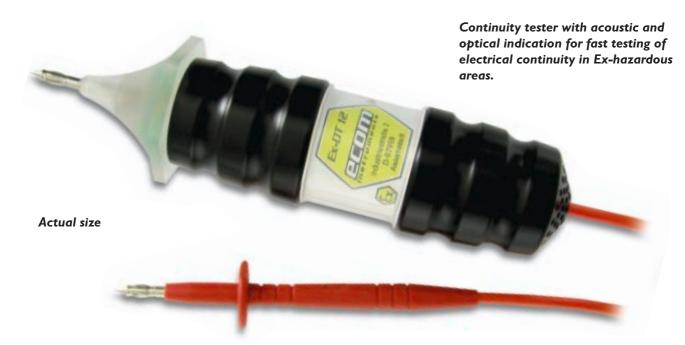




Intrinsically-Safe Continuity Tester Ex-DT 12



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:

Il 2 G EEx ia IICT4

EC-Certificate of Conformity: TÜV 03 ATEX 2120



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

Standard delivery:

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

Accessories:

Protective caps
Spare battery LR03(AAA)

Technical data:

Working temperature:	-20°C +50°C
Resistance:	10Ω - 450k Ω
Inductivity test:	10mH - 1H
Capacity test:	$0.5\mu F - 1000\mu F$
Diode test:	2 diode sections
Max. external inductivity	IH
Max. external capacity	1000F
Max. error output flow I₀	5mA
Max. error output voltage U _o	3.3V
Max. external voltage resistance outside of ex-zone	$U_{m} = 420V$
Duration of operation:	approx. 20h (continuous)
Visual readout:	4 x LED (in test probe)
Acoustic readout:	loudspeaker
Test probe dimensions:	$50 \times 180 \text{ mm (l} \times)$
(Minus pol)	
Overall length:	1,70 m (test probe to test probe)
Weight:	approx. 200g (including batteries)
Power supply:	2 × LR03 to IEC