

DIN EN 13763-11:2025-12 (E)

Explosives for civil uses - Detonators and detonating cord relays - Part 11: Verification of resistance to damage by dropping of detonators, detonating cord relays and surface connectors

Contents		Page
European foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Principle	5
5	Apparatus	5
6	Preparation of test sample	6
6.1	Electric detonators, non-electric detonators and electronic detonators	6
6.2	Plain detonators and semi-finished detonators	6
6.3	Surface connectors	6
6.4	Detonating cord relays	6
7	Procedure	6
7.1	General	6
7.2	Free-fall drop test	6
7.3	Guided drop test	7
8	Expression of results	7
8.1	Electric detonators, non-electric detonators and electronic detonators	7
8.2	Plain detonators and semi-finished detonators	7
8.3	Surface connectors	7
8.4	Detonating cord relays	7
9	Test report	7
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/28/EU relating to the making available on the market and supervision of explosives for civil uses aimed to be covered		9
Bibliography		10