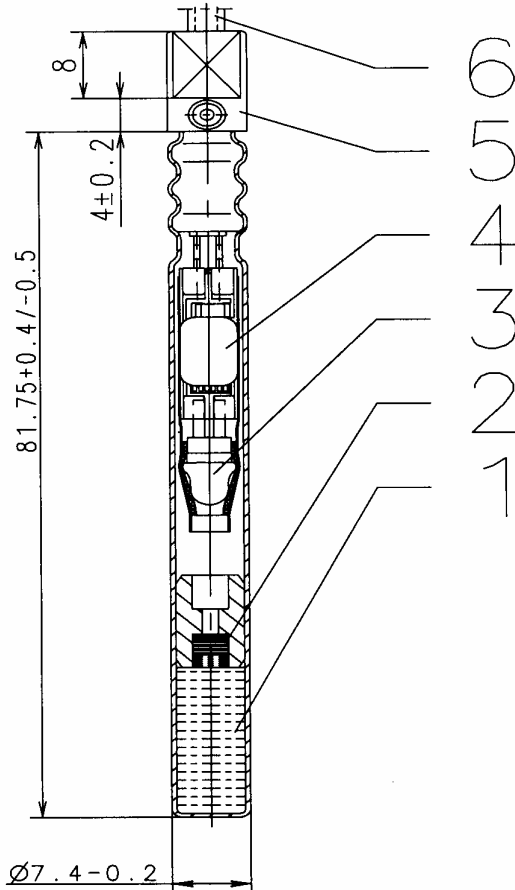


Electronic Seismic Detonator DYNAWELL UD-Type

Part No.	Classification	CE No.	UN No.	D.O.T.
See Selection Chart	1.4S	0589.EXP.3639/99	0255	EX-0003055

Technical Drawing



- 1 BASE CHARGE TETRYL
- 2 IGNITION CHARGE LEAD AZIDE
- 3 FUSE HEAD
- 4 ELECTRONIC CIRCUIT BOARD
- 5 PLUG
- 6 LEG WIRES Cu Ø 0.6 mm

Technical Information

APPLICATION:

RF-SAFE DETONATOR FOR SEISMIC EXPLORATION

PRESSURE RESISTANCE:

2.5 MPa / 7 DAYS
0.5 MPa / 28 DAYS

TEMPERATURE RESISTANCE:

- 20 °C TO + 63 °C - 4 °F TO + 145 °F

ELECTRICAL PARAMETERS:

RESISTANCE: 12.7 kΩ ± 3.2 kΩ
(MEASURING VOLTAGE 12 V)

DIGITAL LOCKED

OPERATION ONLY POSSIBLE WITH THE
SUITABLE SEISMOTRONIC DIGITAL FIRING
PANEL

SAFE AGAINST STATIC ELECTRICITY
(2500 pF 30 kV)

SAFE AGAINST HIGH FREQUENCY
(200 MHz, 200 V/m)

SAFETY TESTED AT 50 V AND 20 A

DELAY ACCURACY:

DETONATOR REACTION TIME:
0.4 ms ± 0.1 ms

DETONATOR WITH SEISMOTRONIC FIRING
PANEL REACTION TIME:
9.4 ms ± 0.1 ms

EXPLOSIVES:

FUSE HEAD: 35 MG PIKAT AND NCCNITROZELLULOSE

PRIMARY CHARGE: 62 MG LEAD AZIDE

BASE CHARGE: 750 MG PETN OR PENTOLIT

PERFORMANCE TEST:

STRENGTH: NO.8

LEAD PLATE: 5 MM THICK

PERFORMANCE:
HOLE DIAMETER: ≥ 8 MM

SHELF LIFE:

2 YEARS ACCORDING TO CE REGULATIONS

5 YEARS AT STORAGE CONDITION:

+ 5 °C TO + 30 °C + 41 °F TO + 86 °F

max. 65% RELATIVE HUMIDITY

GOOD VENTILATION

DISPOSAL:

DETONATORS SHOULD BE DESTROYED ONLY
BY AUTHORISED PERSONS (ACCORDING TO
NATIONAL LAW AND REGULATION).

Packing Information

Dimensions of box	44 x 30 x 31	cm	
Package Type	Carton	TDS Z 757 N3	Revision: IK12005AD