JOHNEX explosives

NON-ELECTRIC LP Detonator Series

JOHNEX LP DETONATORS are a series of non-electric, long period delay detonators featuring 15 delays (200 to 9000 milliseconds) for use in the mining industry.

APPLICATION

JOHNEX LP DETONATORS are ideal for in-hole initiating systems appropriate for underground mining and commercial applications where effective and accurate delay periods are required. Each detonator assembly is colour-coded for easy identification.

JOHNEX LP DETONATORS are commonly used to initiate cast primers and cap sensitive cartridge explosives.

FEATURES AND BENEFITS

- Base charge of RDX and PETN provides an increased level of safety against accidental initiation by impact, static, heat, stray electrical currents and radio frequency transmissions
- Sensitive chemical components are housed inside the detonators
- Can be used at elevated temperatures up to 70˚c
- Triple layer shock tube, break strain above 25kg
- Water resistent up to a depth of 25m, immersing time of 8 hours
- Shelf life of 4 years under ideal conditions
- Contents are vacuum sealed to improve shelf life and stock counts

PHYSICAL PROPERTIES

Detonator	No 8 Strength
Shock Tube Colour	Yellow
Shock Tube Diameter	3mm
Shock Tube VOD	2000
LP Lengths*	3.6, 4.9, 6.0, 7.0 & 24.0m
Explosives Class: 1.1B or 1.4B UN No: 0360 or UN No: 0361	
With Special Packaging: Explosives Class: 1.4S UN No: 0500	

* other lengths available on request

STANDARD PACKAGING
(VARIATIONS AVAILABLE ON SPECIAL ORDER)

Series	3.6m*	4.9m	6.0m	7.0m*	24m*
LP Series	100 units	100 units	80 units	80 units	25 units

* 3.6m, 7m and 24m delay only made for contracted customers.

STORAGE AND HANDLING

JOHNEX LP DETONATORS should be stored in a cool, dry detonator magazine licensed for Class 1.1B/1.4B explosives.

* can be packaged as 1.4S if necessary.

SHELF LIFE

Shelf life is four years when stored in ideal conditions. Once shrink wrap is broken, product must be used within 12 months in order to maintain delay accuracy.

SAFETY

JOHNEX LP DETONATORS provide a high level of safety against initiation by static electricity, stray electrical currents and radio frequency transmissions. JOHNEX LP DETONATORS incorporate sensitive components inside the detonator. Care should be taken not to cause initiation via intense impact, friction or heat.

JOHNEX LP DETONATORS are supplied in Class 1.1B/1.4B packaging and have UN Number 0360/0361.

For more information please consult the Safety Data Sheet.

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ADDITIONAL INFORMATION

LP DELAY SERIES (DELAY #/ MILLISECONDS)	
#0	25
#1	200
#2	400
#3	600
#4	1000
#5	1500
#6	2000
#7	2500
#8	3000
#9	3500
#10	4000
#11	5000
#12	6000
#13	7000
#14	8000
#15	9000

NON-ELECTRIC LP DETONATOR SERIES – TECHNICAL DATA SHEET

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