



NON-ELECTRIC LP & MS Detonator Series

JOHNEX LP DETONATORS are a series of non-electric, long period delay detonators featuring 16 delays for use in the mining industry. (25 to 9000 milliseconds) JOHNEX MS DETONATORS are a series of non electric, millisecond period delay detonators featuring 30 delays for use in the mining industry (0 to 9000 milliseconds)

APPLICATION

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

FEATURES AND BENEFITS

- Base charge of RDX provides an increased level of safety against accidental initiation by impact, static, heat, stray electrical currents and radio frequency transmissions
- Sensitive components are housed inside the detonators
- Can be used at elevated temperatures up to 70°C
- Packaged as Class 1.1B with 120, 100, 80 or 40 detonators per case
- Water resistant up to a depth of 25m, immersing time of 8 hours
- Shelf life of 2 years under ideal conditions
- Contents are vacuum sealed into bundles of 10 units 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 ± 300m/s
LP Lengths*	3.6, 4.9 & 7.0m
MS Lengths*	24m
Explosives Class: 1.1B UN No: 0360	

* other lengths available on request



STANDARD PACKAGING (VARIATIONS AVAILABLE ON SPECIAL ORDER)

Series	3.6m	4.9m	7.0m	24m	-
LP Series	120 units	100 units	80 units	-	-
MS Series	-	-	-	40 units	-

STORAGE AND HANDLING

MS and LP detonators should be stored in a cool, dry detonator magazine licensed for Class 1.1B explosives.

SHELF LIFE

Shelf life is 2 years under ideal conditions. Once individual shrink wrap is broken magazine stock should be rotated.

SAFETY

JOHNEX DETONATORS provide a high level of safety against initiation by static electricity, stray electrical currents and radio frequency transmissions. JOHNEX DETONATORS incorporate sensitive components inside the detonator. Care should be taken not to cause initiation via intense impact, friction or heat. JOHNEX DETONATORS are supplied in Class 1.1B packaging and have UN Number 0360.

For more information please consult the Material Safety Data Sheet.



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

MS DELAY SERIES (DELAY #/ MILLISECONDS)

#0	0
#1	25
#2	50
#3	75
#4	100
#5	125
#6	150
#7	175
#8	200
#9	225
#10	250
#11	275
#12	300
#13	325
#14	350
#15	375
#16	400
#17	425
#18	450
#19	475
#20	500
#21	550
#22	600
#23	650
#24	700
#25	750
#26	800
#27	850
#28	900
#29	950
#30	1000

