

OilStar Detonators

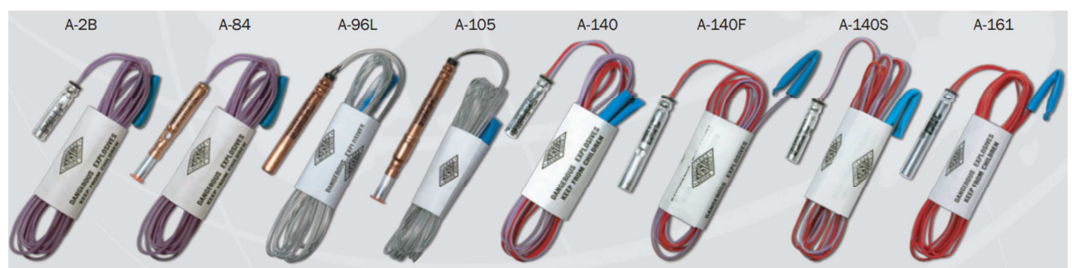
GENERAL SURVEY

OILSTAR DETONATORS are specially designed electric detonators used in the Oil and Gas industry for wireline performed blasting operations (perforations, plug setting etc.). For that purpose they exhibit high temperature and for some types also high water pressure resistance. Most of them are resistorised to increase their electric energy immunity and all are provided with antistatic sleeve and spark gap for low electrostatic discharge sensitivity. Some versions are equipped with adapters to easily connect detonating cord and some exhibit fluid disabled feature.



ADVANTAGES

- Temperature resistance: up to 177°C or 246°C (A-161) for 1 hour
- Water pressure resistance: up to 100 MPa (A-96L and A-105) for 4 hours
- High immunity against electrostatic energy: 25 kV / 2500 pF (resistorised: resistance $\geq 58 \Omega$)
- Fluid disabled function (A-140F, A-140S, A-84, A-85, A-161)
- Detonating cord adapter (A-140F/Block, A-84, A-85, A-105), optional add-on (A-140F, A-161)
- Packaging 1.4B: 500 parts per box (A-140F/Block 220 parts)
- High reliability
- Easy handling
- Broad range available:
 - Temperature and pressure resistant detonators (A-96L, A-105)
 - Temperature resistant detonators (A-2B, A-140)
 - Temperature resistant and fluid disabled detonators (A-140S, A140F, A-161, A-84, A-85)



AUSTIN POWDER

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PROPERTIES

Type	Resistance (Ω)	No Fire Current (A)	Temp. (°C)	Press. (MPa)	Fluid disabled	Adapter
A-96L	58	0.20	177	100	N	N
A-105	58	0.20	177	100	N	Y
A-2B	1.1	0.25	177	0.7	N	N
A-140	58	0.20	177	0.7	N	N
A-140S	59	0.20	177	N/A	Y	N
A-140F/Block	59	0.20	177	N/A	Y	Y
A-84	1.1	0.25	177	N/A	Y	Y
A-85	58	0.20	177	N/A	Y	Y
A-161	59	0.20	246	N/A	Y	N

STORAGE

Detonators must be stored in an approved magazine located to conform to state and local laws and regulations. The storage place should be well built, well air-conditioned, clean, dry, fire resistant and securely locked when not in use. Detonators should never be stored in the same magazine with other explosives.

Shelf life (at temperature between -40°C and +60°C) is 5 years.

HANDLING

Keep detonators away from children. For use by authorized personnel only. Always dispose of detonators using proper methods. Consult your supervisor or Austin Detonator representative.

PACKAGING

Classification 1.4B, UN 0255

Box size: 560x330x285 mm

Type	Units / box (pcs.)	Brutto / Box (kg)
A-96L	500	14.9
A-105	500	15.6
A-105/100	500	16.4
A-2B	500	11.2
A-140	500	11.6
A-140S	500	12.8
A-140F/Block	220	10.2
A-140F	500	12.0
A-84	500	14.8
A-85	500	15.5
A-161	500	12.2



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