

LifeSafer Alcoholímetro Antiarranque

Color	Name	Description
Red	Power (+)	+12V DC must be present here at all times, even with the key OFF.
Black	Negative (-)	Is to be connected to a grounded metal part under the dash using a crimp on ring terminal. Do not use a pre-existing grounding point when making this connection. Insure this is CLEAN, FRAME, METAL TO METAL contact.
White	Ignition 1 (+)	A minimum of +5V DC must be present when the key is in the ON and also START position and no voltage when the key is OFF.
Brown	Alternator or Tachometer	No connection. If connection must be made, +12 VDC must be present when the alternator is turning if the <i>alternator</i> engine run method is used, and less than +4VDC otherwise; +12 VDC pulses must be present when the engine is running if the <i>tachometer</i> option is used. Contact management in the event this connection needs to be made.
Blue & Blue/White	Horn <i>(opcional)</i>	Connects to the vehicles horn. This connection may also be used for an external siren or buzzer if horn is not functioning. <u>Type 1(Positive +)</u> : <ul style="list-style-type: none"> • Blue: +12V • Blue/White: Vehicle horn wire <u>Type 2(Negative -)</u> : <ul style="list-style-type: none"> • Blue: Vehicle horn wire • Blue/White: Ground
Yellow	Headlights (-) <i>(opcional)</i>	Connects to vehicles headlight/hazard light wire. This wire presents a ground signal when activated. Can also be wired into an external relay for added functionality.
Purple	Hearing Impaired Option	Not used
2 Gray (heavy gauge)	Starter Solenoid	This is the set of relay contacts that open to interrupt the starter solenoid. Find the wire that has 12 VDC on it when the engine is cranking only, and cut it. If the engine now fails to crank, it is the correct wire. Connect gray wires to each end of cut wire.