



“Amethyst” Performance Mappable Ignition System Specifications

Number of cylinders	1 to 12
RPM range	Zero to 9,999
Rev limit	Soft limit, 2,000 to 9,999 RPM
Map points	14 map points with interpolation
Vacuum range (vacuum version only)	0 to 20” Hg
Boost range (boost version only)	0.5 bar vacuum to 1.5 bar boost
Map points	8 map points with interpolation
Centrifugal advance	0 to 45 degrees
Vacuum / boost / throttle position advance	-45 to 45 degrees
Advance offset	-45 to 45 degrees
Dwell calculation	Automatic or manual
Trigger signal	Either rising or falling edge of distributor output
Number of maps	8
Immobiliser	Yes
Live map select	Yes, via immobiliser wire or PC
Communications interface	USB 2.0
Operating systems	Windows XP, Windows 7, Windows 8
Supply voltage	+8v to +20v
Reverse battery protection	Yes
Over-voltage protection	Yes
Supply current	< 100mA
Trigger current	3mA minimum
Operating temperature	-25°C to 80°C
Dimensions	85 x 56 x 22mm, excluding flange