

## HPI 1.16 HV / HVD

In combination with a Bosch Motorsport ECU the HPI 1.16 Box enables the running of high pressure injection valves. The injector current is realised by a switched current regulation with booster period, pick-up period, holding period and recharging period. This HPI can be used for example in racing series like DTM, 24 h Le Mans, etc.



### HPI 1.16 HV

External supply of booster voltage (90 V) is required.

Mechanical Data	
Max. number of cylinders	10
Dust and waterproof aluminium housing	
Filtered connectors in motorsport technology with high pin density	
Vibration damped printed circuit boards	
Flexible housing fixation points	
Size without connectors	135 x 101 x 43 mm
Weight	575 g
Communication interfaces	1 CAN, 1 K-Line

### HPI 1.16 HVD

In addition the HPI 1.16 HVD has an internal voltage regulator.

Mechanical Data	
Max. number of cylinders	10
Dust and waterproof aluminium housing	
Filtered connectors in motorsport technology with high pin density	
Vibration damped printed circuit boards	
Flexible housing fixation points	
Size without connectors	135 x 101 x 43 mm
Weight	725 g
Communication interfaces	1 CAN, 1 K-Line

Conditions for Use	
Housing temperature	-25 ... 85 °C
Operating voltage	8 ... 18 V
Nominal voltage	14.0 V
Max. vibration	<i>Vibration profile 1</i> (see Appendix or <a href="http://www.bosch-motorsport.com">www.bosch-motorsport.com</a> )

Electrical Data	
Optimised for Bosch HP injection valves HDEV 5, HDEV 1	
Max. rpm	12,500

Part Number	
HPI 1.16 HV	<b>F 01T A20 019</b>

Conditions for Use	
Housing temperature	-25 ... 70 °C
Operating voltage	8 ... 18 V
Nominal voltage	14.0 V
Max. vibration	<i>Vibration profile 1</i> (see Appendix or <a href="http://www.bosch-motorsport.com">www.bosch-motorsport.com</a> )

Electrical Data	
Optimised for Bosch HP injection valves HDEV 5, HDEV 1	
Max. rpm	12,500
Internal voltage regulator	65 ... 90 V

Part Number	
HPI 1.16 HVD	<b>F 01T A20 018</b>