



HPI 1.16 HV/HVD



- ▶ **Max. 10 cylinders**
- ▶ **Max. 12,500 rpm**
- ▶ **725 g**

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

Application

Max. number of cylinders	10
Max. rpm	12,500
Optimized for Bosch HP injection valves HDEV 1 and HDEV 5	
Max. vibration	Vibration profile 1 (see Appendix or www.bosch-motorsport.com)

Technical Specifications

Variations

	HPI 1.16 HV	HPI 1.16 HVD
Voltage support	External supply of booster voltage (90 V) is required	Internal voltage regulator 65 to 90 V
Housing temperature	-25 to 85°C	-25 to 70°C
Weight	575 g	725 g

Mechanical Data

Aluminum housing	
Filtered connectors in motorsport technology with high pin density	
Vibration damped printed circuit boards	
Flexible housing fixation points	
Housing temperature	Please see Variations
Size without connectors	135 x 101 x 43 mm
Weight	Please see Variations

Electrical Data

Operating voltage	8 to 18 V
Nominal voltage	14 V

Communication

1 CAN
1 K-Line

Ordering Information

HPI 1.16 HV	F 01T A20 019
HPI 1.16 HVD With internal voltage regulator 65 to 90 V	F 01T A20 018

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