

KIC 2 (K-Line Interface Compact)

KIC 2 is part of the INCA module family. Within this family, the KIC 2 is the low cost unit for PC-supported application on the serial diagnosis interface of an ECU.

KIC 2 is coupled to the PC via the parallel printer interface. This ensures a powerful and universal link to all common PCs. The coupling to the ECU is effected via the K-line of the diagnosis interface. The functionality of KIC 2 is essentially determined by the operating programs of the PC.



Details	
Compact design	
Fully suitable for motor vehicle use	
Power supply through the connection to the ECU from board mains with galvanic separation	
All inputs and outputs to the PC galvanically separated	
Firmware update possible via PC	
According to ISO 9141-2 for diagnosis tester	
Up to 250 kBaud transfer rate	
Plug suitable for motor vehicles (VS 20)	
Protocols: McMess, KP 2000, Keyword 71	

Mechanical data	
Size	17 x 60 x 78 mm

Electrical data	
Input voltage	6 ... 30 V
Power consumption	typ. 1 W at 13,5 V
Power consumption in stand by	30 mW at 13,5 V
Processor	µP 87C520, 12 kByte
Flash Eprom	2 x 48 kByte
Centronics linterface	40 g/5Hz ... 2kHz
Temperature range	-30 ... 70°C
Control P-module output	
Output voltage	0 ... 4,096 V
Quantisation	⊗V=1,0 mV
Resolution	12 bit

Part numbers	
KIC 2, standard connector	B 261 206 859
KIC 2, diagnosis connector with ignition bridge	B 261 206 866
KIC 2, diagnosis connector without ignition bridge	B 261 206 867 01