

Acceleration Sensor MM5.10

Calibration Sheet

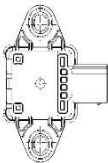
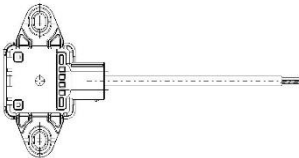
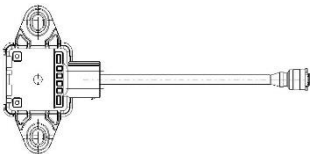
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 Motorsport@bosch.com
 www.bosch-motorsport.com

Customer:

Order-Number:

To be filled by Bosch

Date:

Software parameters		
Position	Configuration	
Low Pass Filter	15Hz	30Hz 60Hz
CAN Baud Rate	500Kbaud	1Mbaud
CAN Update Rate	100Hz	200Hz
ID1 (CAN-Message 1)	Possible values (0x000 ... 0x7FF)	
ID2 (CAN-Message 2)	Possible values (0x000 ... 0x7FF)	
ID3 (CAN-Message 3)	Possible values (0x000 ... 0x7FF)	
Hardware parameters		
Configuration	Drawing	Cable length [mm]
Sensor without external cable or connector (with integrated connector)		
Sensor with cable flying leads – open end		
Sensor with external Motorsport connector ***		

NEEDED PART NUMBER (to be filled by Bosch)	
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***Standard Motorsport Connector: Deutsch ASL 6-06-05PC-HE

Please check the next page for further information concerning the CAN-Matrix and sensor signals



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CAN-Matrix configuration

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CAN-Matrix for Firmware with 3 CAN Messages

CAN Protocol								
Byte order LSB (Intel)								
CAN_ID_01								
Byte	0	1	2	3	4	5	6	7
Value	Yaw Rate (Ω_z)		reserved	reserved	Acc Y Axis (A_y)		reserved	reserved
CAN_ID_02								
Byte	0	1	2	3	4	5	6	7
Value	Roll Rate (Ω_x)		reserved	reserved	Acc X Axis (A_x)		reserved	reserved
CAN_ID_03								
Byte	0	1	2	3	4	5	6	7
Value	reserved		reserved	reserved	Acc Z Axis (A_z)		reserved	reserved

