memotec Messtechnik

Technical Documentation

AiM connection cable plug&play Suzuki

TD

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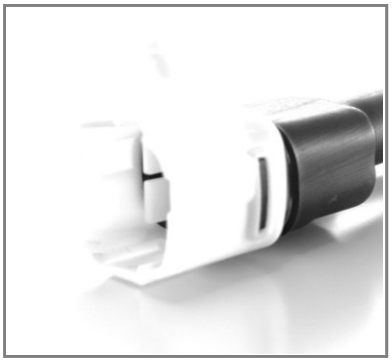


Informationen AiM CC plug&play Suzuki

Device	Solo 2 DL, evo4S, ECULog, XLog
Function	CAN Bus
Input	ECU, 7-pin
Cable length	180 cm
Weight	80 gr.

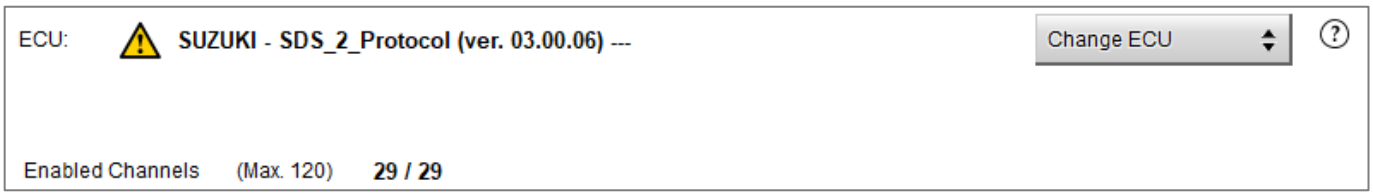
Connector types AiM CC plug&play Suzuki

711

Compatibility AiM CC plug&play Suzuki

	Manufacturer	Model		Year
	Suzuki	GSX-R 600		2004 – 2023
		GSX-R 750		2004 – 2017
		GSX-R 1000		2015 – 2016
		GSX-R 1300	Hayabusa Gen 2	2008 – 2016
		RaceStudio 3 | SUZUKI – SDS_Protocol		
	Suzuki	GSX-R 1000		2017 –
		RaceStudio 3 | SUZUKI – SDS_2_Protocol		

RaceStudio 3 settings



Channels via CAN Bus

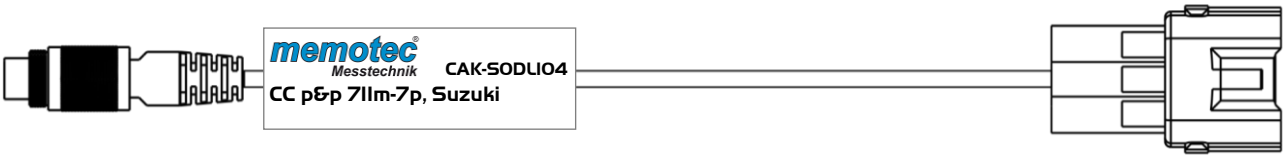
Suzuki – SDS Protocol

Engine speed	Throttle position
Gear	Battery voltage
Water temperature	Intake air temperature
Baro pressure	Airbox pressure
Boost pressure	Air / Fuel ratio
Neutral switch	Clutch switch
Injector	Mapping
XON switch	PAIR ventilation system
Ignition angle	

Suzuki – SDS 2 Protocol

Engine speed	Speed rear
Speed front	Gear
Battery voltage	Water temperature
Intake air temperature	Airbox pressure
Baro pressure	Injector
Ignition angle	Throttle position voltage
Throttle grip voltage	Shift sensor
Throttle position	Throttle grip position
Traction controll	Dashspot correction angle

Pinout AiM CC plug&play Suzuki



ECU | Binder 711
connector, male, 7 pin

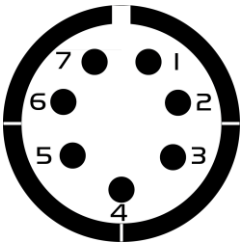
Suzuki | Sumitomo
connector, male, 6 pin

ECU | Binder 711 7 pin

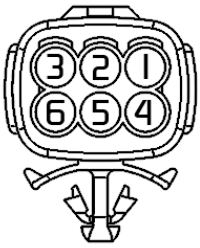
Pin	Function	Pin	Function
1	Not connected	5	Not connected
2	Not connected	6	K Line
3	9 – 15 V	7	Ground
4	Not connected		

Suzuki | Sumitomo 6 pin

Pin	Function	Pin	Function
3	9 – 15 V	5	K Line
4	Ground		



Binder 711, male, solder view



Sumitomo 6 pin, male, plug view

Scope of supply AiM CC plug&play Suzuki

CAK-SODL104	Connection cable p&p Suzuki

Store

Accessories AiM CC plug&play Suzuki

ASODL22-PSGH	Solo2.2 DL p&p, Suzuki GSX-R, SDS, with holder kit

Store

AEV4s1-ACG	evo4S, connecting cable CAN, GPS

Store

AECUL11-oZ	ECULog without accessory

Store

AXL11-ACR	XLog, CC CAN/RS 232

Store

Release History

Release	Date	Author	Comments
100	16.12.2024	TME	First release

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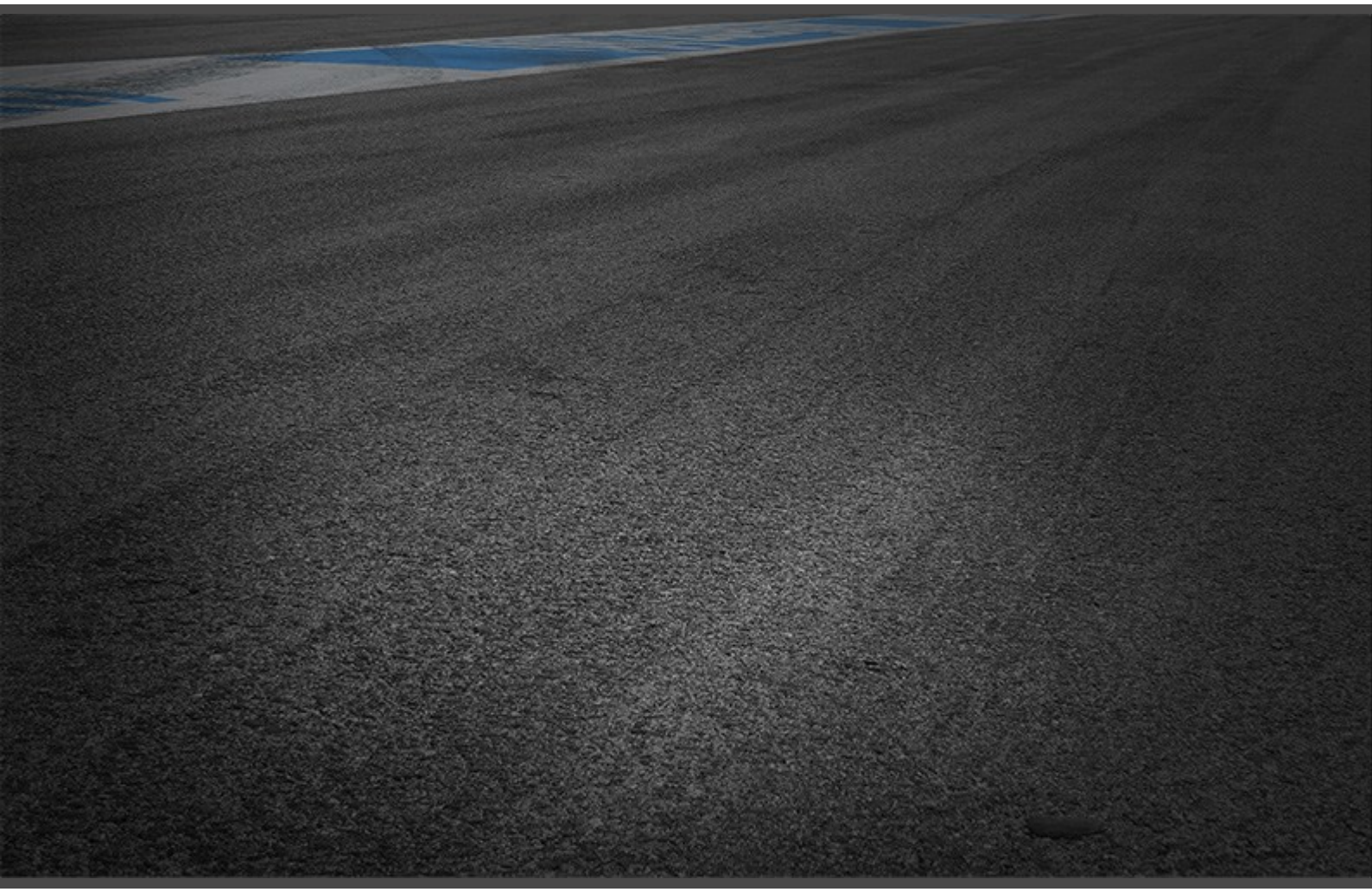

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