



5 Button HandleBar Switches

HBS_L05

The product have been designed for ecu control in the Motor Bike and motorsport applications. The product should be fitted in the left HandleBar to use by the rider. A autosport wired connector type can be available as customer dedicated version. For OEM applications information, or a CanBus version please contact directly the company.

For more informations, please contact :

All values refer to standard conditions (20°C, 100 KPa)
Sometimes, MecTronik can changes the data without notice

MecTronik S.r.l. - Via dell'artigianato, 5 - 37053 - Cerea (VR)

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TECHNICAL SPECIFICS

BUTTONS	5	#
SWITCH TYPE	MOMENTARY-PUSHBUTTON	#
ELECTRICAL LIFE	>25k	Cycles
CABLE LENGHT	400	mm
WIRES	RAYCHEM 55A	#
GLUE	RAYCHEM S1125	#
SUPPLY VOLTAGE	Max 5	V
SUPPLY CURRENT	<1	mA
ANALOG OUTPUT	0.45.....4.5 **	V
FINISHING	BLACK ANODIZED	#
MATERIAL HOUSING	ALLUMINIUM	#
WEIGHT	80 ~	g
PROTECTION	IP64	#
OPERATING TEMP	-20.....+85	°C
RESISTANCE	ASK	#
FIXING H.BAR DIAMETER	22	mm

** proper connected to the MKE7 ecu

ELECTRICAL CONNECTION

CONNECTOR	TYPE
JST 2 WAY PM	02t-jwvf-vsle-s

PIN 1	PIN 2	
GND	SIGNAL	

CALIBRATION TABLE

BUTTON PRESSED	OUTPUT		TOLLERANCE
NO PRESS	5	V	+/- 100mV
1	4.3	V	+/- 100mV
2	3.44	V	+/- 100mV
3	2.5	V	+/- 100mV
4	1.4	V	+/- 100mV
5	0.45	V	+/- 100mV

!! VALIDE ONLY IF CONNECTED TO MKE7 ECU !!

COMMERCIAL INFO

SHORT NAME	TYPE	ORDER CODE
HBS_L05	5 Buttons	PRD0052

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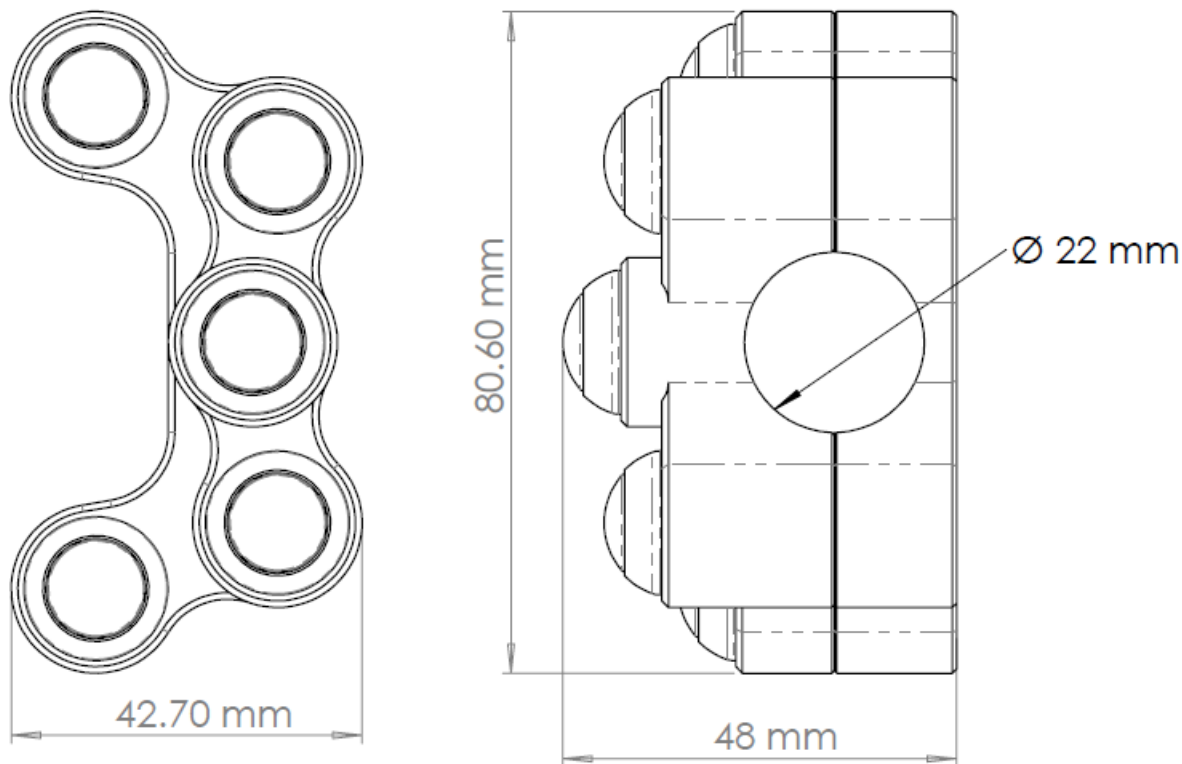
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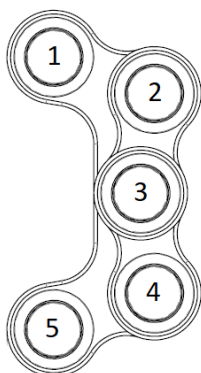
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DIMENSIONS



APPLICATION INFO



BUTTON COLOUR	BUTTON INDEX	NOTE
GREEN	1	
BLACK	2	
YELLOW	3	
BLUE	4	
RED	5	

NOTES

THE SENSOR IT'S DESIGNED FOR TO USE IN MOTORSPORT. IF USER WANTS TO USE IT IN A ON ROAD OR O.E.M APPLICATIONS, HE MUST ASSUME ALL RESPONSIBILITY AND MUST VALIDATE THE PRODUCTS AND THE APPLICATION OF THE RULES OF SAFETY, INDIPENDENTLY.

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