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KEYPAD MODULE

KPM-C22



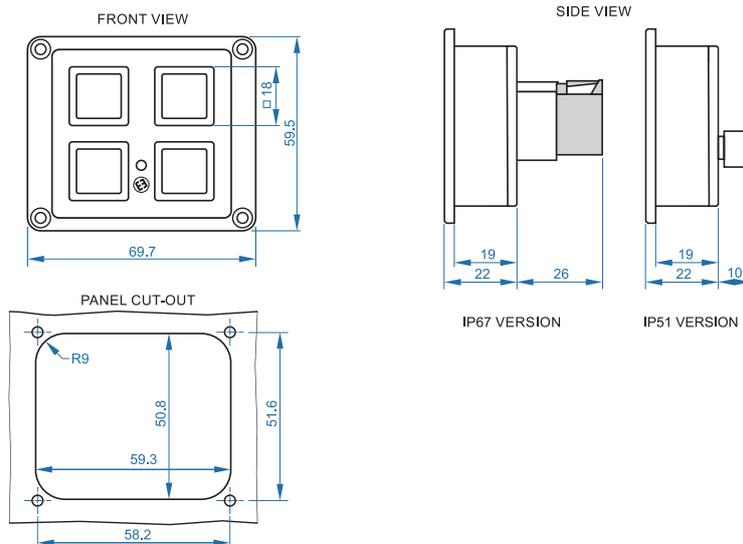
Icons shown on this keypad are for visual demonstration only.

Features and Benefits

- 1 RGB Backlit, Freely Selectable Icons
- 2 Light Sensor
- 3 Individually Adjustable Key Luminous Intensity
- 4 Low Installation Depth
- 5 "RIM" Embossing Keys
- 6 Washable, Waterproof Aluminium Housing

Keypad module KPM-C22 uses four distinct keys, it is highly resistant to weather conditions and can survive extreme environments, what makes it perfect for installation outside or inside driver cabin. The keys are large, well-spaced and "RIM" embossed, allowing a reliable pressure sensation with a tactile feedback even when wearing protective gloves. The keys can also be used in combination as warning lights.

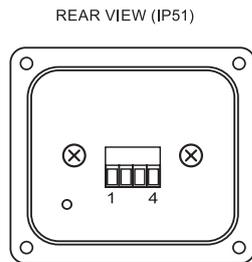
Type KPM-C220 has an integrated I/O controller with high side power outputs and several inputs that can be useful if the keypad is used as a stand-alone device or as an extension of IO ports for controllers used in the MMX system.



Keypad is user programmable. Each key can be configured to operate as a switch, push button or both as a special feature. Corresponding key LED indicators are fully configurable, colour and luminance are adjustable. Key label graphics are customizable and backlit coloured according to function groups for easy recognition. Unused

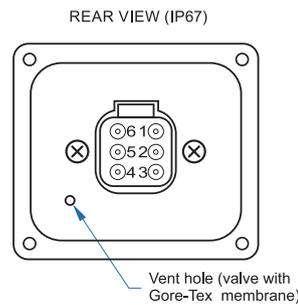
keys can be screened off with a dark label. Labels are inserted at the inner side of the front panel of the keypad. Several keypads located on different places can be connected over CAN BUS to collaborate. Keypad modules series KPM-C are a perfect solution in automotive, nautical, agriculture, utility vehicles and industrial sectors.

Connection



CONNECTION Terminal Block 4 way

PIN	DESCRIPTION
1	CAN H
2	BATTERY -
3	BATTERY + ("15")
4	CAN L



CONNECTION Deutsch DT06-6S

PIN	DESCRIPTION
1	BATTERY + ("15")
2	CAN L
3	N/A
4	N/A
5	CAN H
6	BATTERY -

Specifications

POWER	
Supply Voltage	8-32 V DC
Current	60 mA maximum
Electrical Protection	overvoltage, transients, reverse polarity, load dump
INTERFACES	
CAN	1 x CAN
CAN termination	120 ohm, DIP switch
ENVIRONMENT	
IP Class	front panel - IP67, back - IP51
with terminal block connection	
with Deutsch DT06-6S connector	complete IP67
EMC Conformity	EN61000-6-2 noise immunity EN61000-6-4 radiation of interference
Temperature Range	storage from -40° to +85°C operating from -40° to +85°C
KEYS	
Key LED	RGB backlit icons
Icons	freely selectable icons
Brightness	individually adjustable key luminous intensity, dimmable - light sensor
Key Design	RIM-embossed keys with tactile feedback, operating force 8N
Operating Life	>250.000 cycles
KEY dimension	18 x 18 mm

ENCLOSURE	
Housing Material	Aluminium
Mounting	in-dash with 4 screws M3 or 2.9 mm tapping screws
Connectors	4 way Terminal Block or Automotive - Deutsch DT06-6
SIZE AND WEIGHT	
W x H x D [mm]	69.7 x 59.8 x 19 without connector
Weight	0.12 kg (IP51), 0.14 kg (IP67)

Ordering Codes

KPM-C22	Keypad module, 4 colour RGB backlit keys, (2 rows x 2 columns), IP51 connector
For more options please contact the supplier.	



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