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# KEYPAD MODULE

## KPM-GC26



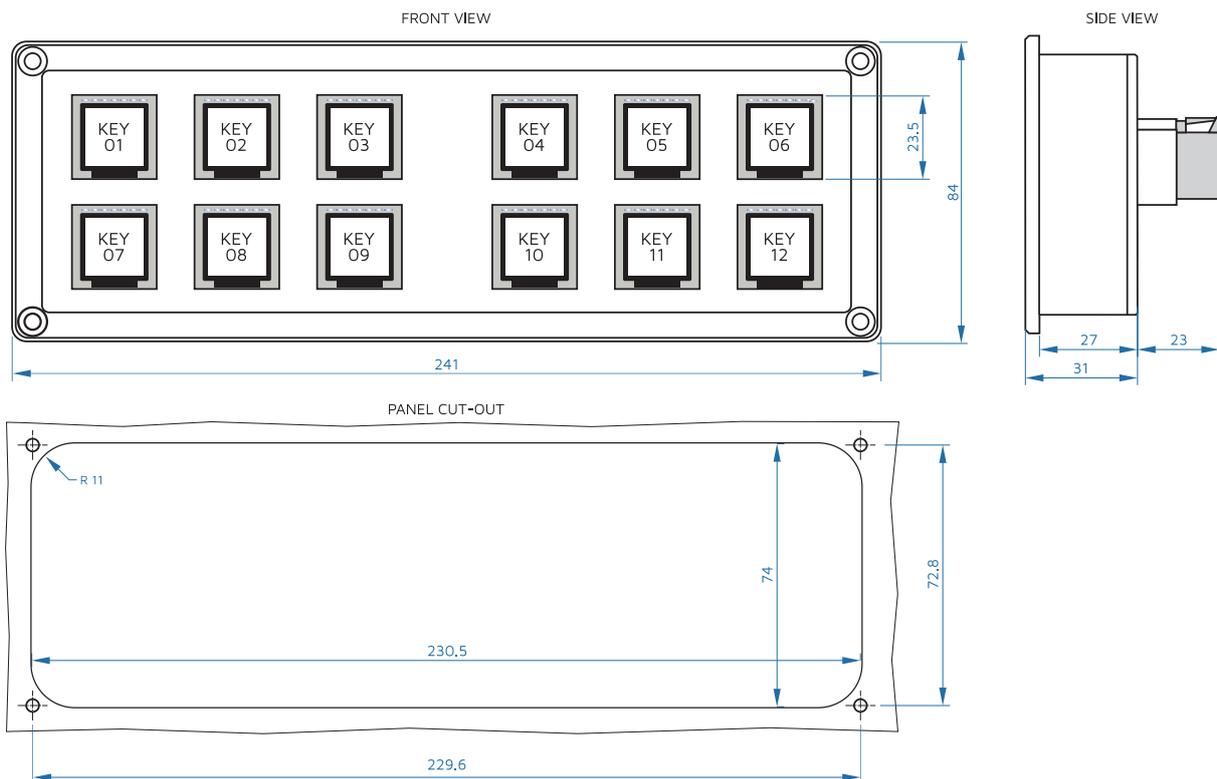
Icons shown on this keypad are for visual demonstration only.

### Features and Benefits

- 1 White and RGB Backlit with Green LED Signal Indicator**
- 2 Used also as Warning Lights (RGB LEDs Inside)**
- 3 Freely Selectable Icons**
- 4 CAN Bus Datalink**
- 5 Super Bright LEDs, Sunlight Readable**
- 6 Washable, Waterproof Aluminium Housing**

Keypad module KPM-GC26 uses twelve 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.

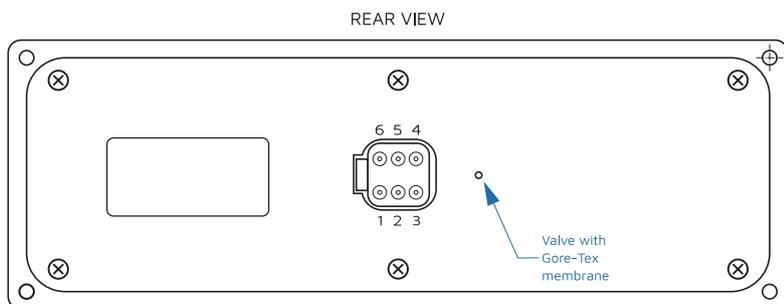
The keys are large, well-spaced and embossed, allowing a reliable pressure sensation with a tactile feedback even when wearing protective gloves. Each key has a large green LED signal indicator above the icon. Since the KEY backlit LED are white and RGB (colour) the keypad can be used as a combination of buttons and warning light indicators.



Keypad is user programmable. Each key can be configured to operate as a switch, push button or both as a special feature. Key label graphics are customizable, white backlit and 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-RC are a perfect solution in automotive, nautical, agriculture, utility vehicles and industrial sectors.

## Connection



### CONNECTION Deutsch DT06-6S

PIN	DESCRIPTION
1	BATTERY + (*15")
2	CAN L
3	CAN L, INT. SHORTED TO PIN 2
4	CAN H
5	CAN H, INT. SHORTED TO PIN 4
6	BATTERY -

## Specifications

POWER	
<b>Supply Voltage</b>	8-32 V DC
<b>Current</b>	0.5 A maximum, no outputs active
<b>Electrical Protection</b>	overvoltage, transients, reverse polarity, load dump
INTERFACES	
<b>CAN</b>	1 x CAN
<b>CAN termination</b>	configurable termination 120 ohm via DIP switch
<b>CAN Link</b>	T-connection, node ID definition via software
ENVIRONMENT	
<b>IP Class (IEC529)</b>	IP67, waterproof
<b>EMC Conformity</b>	EN61000-6-2 noise immunity EN61000-6-4 radiation of interference
<b>Temperature Range</b>	storage -40° to +85°C (-40° to 185°F) operating -40° to +85°C (-40° to 185°F)
KEYS	
<b>Key LED</b>	first row RGB and white backlit, second row white backlit
<b>Signal Indicator</b>	super bright green LED bar
<b>Icons</b>	freely selectable icons
<b>Key Design</b>	embossed keys with tactile feedback, operating force 8N
<b>Operating Life</b>	>250.000 cycles
<b>KEY dimension</b>	23.5 x 23.5 mm
SIZE AND WEIGHT	
<b>W x H x D</b>	241 x 84 x 33 mm without connector
<b>Weight</b>	0.70 kg

ENCLOSURE	
<b>Housing Material</b>	aluminium
<b>Mounting</b>	in-dash, with 4 screws M3 or 3.5 mm (#8) tapping screws
<b>Connector</b>	Deutsch DT06-06S

## Ordering Codes

<b>KPM-RG26</b>	Keypad module, 12 keys (2 rows x 6 columns), white and RGB backlit with red signal indicator
<b>For more options please contact the supplier.</b>	



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