

KEYPAD MODULE

KPM-G26 / KPM-GC26



KEY FEATURES

- + **White Backlit Keys** With Green Status Indicator
- + Used Also As **Warning Lights** (RGB LEDs Optional)
- + **Customizable** key icons
- + **CAN Bus** Communications
- + **Super Bright LEDs**, Sunlight Readable
- + **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 Status 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 programmable. Each key can be configured to operate as a switch or push button. 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-GC are a perfect solution in automotive, nautical, agriculture, utility vehicles and industrial sectors.

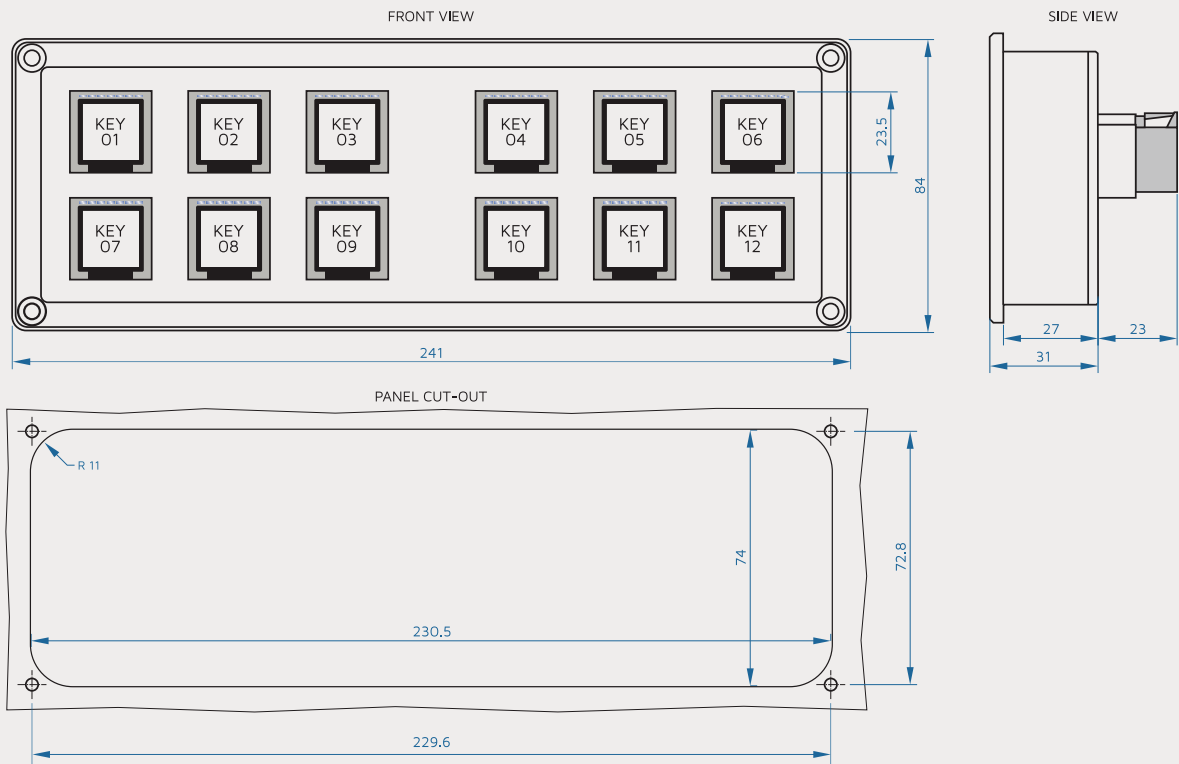


SPECIFICATIONS

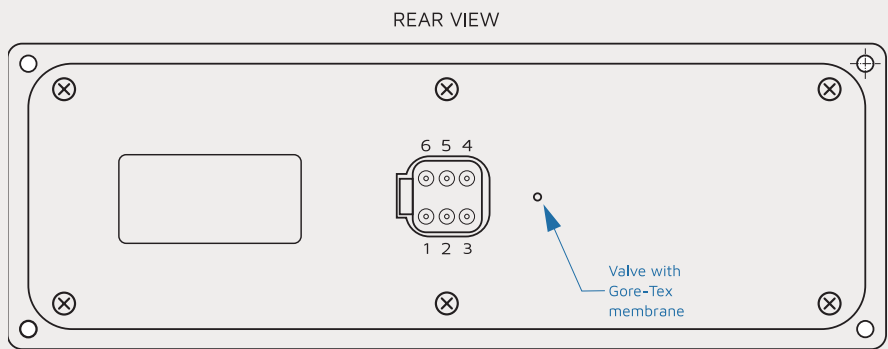
POWER	
Supply Voltage	8-32 V DC
Current	0.5 A maximum
Electrical Protection	overvoltage, transients, reverse polarity, load dump
INTERFACES	
CAN	1 x CAN (only type without I/O driver)
CAN termination	configurable termination 120 ohm via DIP switch
CAN Link	T-connection, node ID definition via software
ENVIROMENT	
IP Class	IP67, waterproof
EMC Conformity	EN61000-6-2 noise immunity EN61000-6-4 radiation of interference
Temperature Range	storage -40° to +85°C (-40° to 185°F) operating -40° to +85°C (-40° to 185°F)
KEYS	
Key Backlite	first row RGB and white backlit, second row white backlit
Status Indicator	Super bright green LED bar
Icons	customizable key icons
Key Design	RIM-embossed keys with tactile feedback, dimesion 23 x 23 mm
Operating Life	>250.000 cycles
ENCLOSURE	
Housing Material	Aluminium
Mounting	in-dash, with 4 screws M4 or 3.5 mm (#8) tapping screws
Connector	Deutsch DT06-06S
SIZE & WEIGHT	
W x H x D	241 x 84 x 33 mm without connector
Weight	0.70 kg



DIMENSIONS



CONNECTIONS



CONNECTION DEUTSCH DT06-6S

PIN	Description
1	BATTERY + ("15")
2	CAN L
3	CAN L - shorted to PIN 2
4	CAN H
5	CAN H - shorted to PIN 4
6	BATTERY -

PRODUCT CODE

Ordering code example:

K	P	M	-	G	2	6						
		SIGNAL INDIC.		KEY CONFIGURATION		I/O		SPECIAL FEATURES / APPLICATION				
		G: GREEN		26: 2-ROW, 6-COLUMN		O: I/O INTEGRATED						