

MMX PCU-WPG

PRESSURE GOVERNOR WITH
CAVITATION WARNING

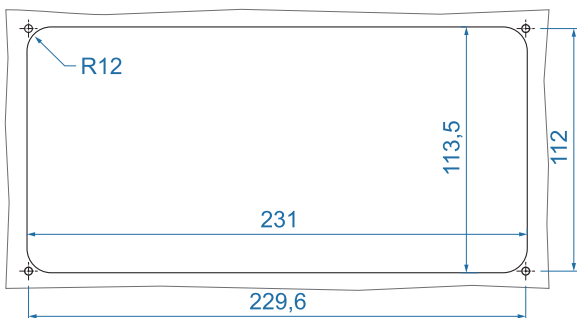
ALPHANUMERIC SUPER BRIGHT
LED DISPLAY

INTEGRATED WATER TANK LEVEL
GAUGE

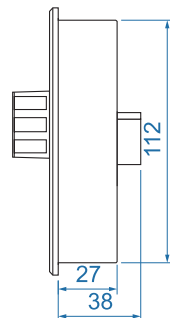
INTEGRATED 12 KEYS, 10
WARNING LIGHTS, 1 ENCODER



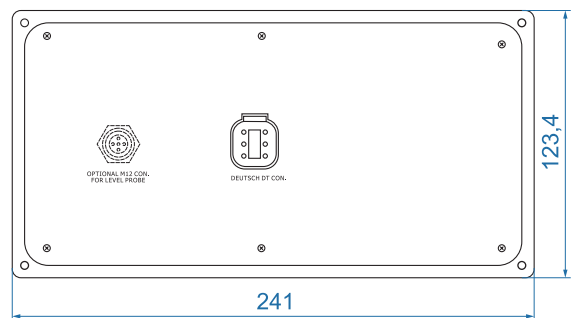
MMX PCU - VIEW FROM THE BACK



MMX PCU - SIDE VIEW



CUT OUT FOR THE CONTROL PANEL



Specifications

Power supply	10 V ... 30 V DC
Power consumption*	max. 10 W
Communication	E-CAN with MMX IOS
Buttons	8 Programmable keys with user selectable pictograms and 4 pre-defined
Warning lights	10
Pressure governor	automatic pressure regulation with cavitation warning
Display	Alphanumeric superbright LED display 11 digit
Enclosure protection (IEC 529)	IP67
Operating temperature	from -40 °C to +80 °C
Enclosure dimension (LxHxW)	241 x 123 x 42 mm
Electrical connection	Deutsch DT06-6S connector
Weight	1 kg

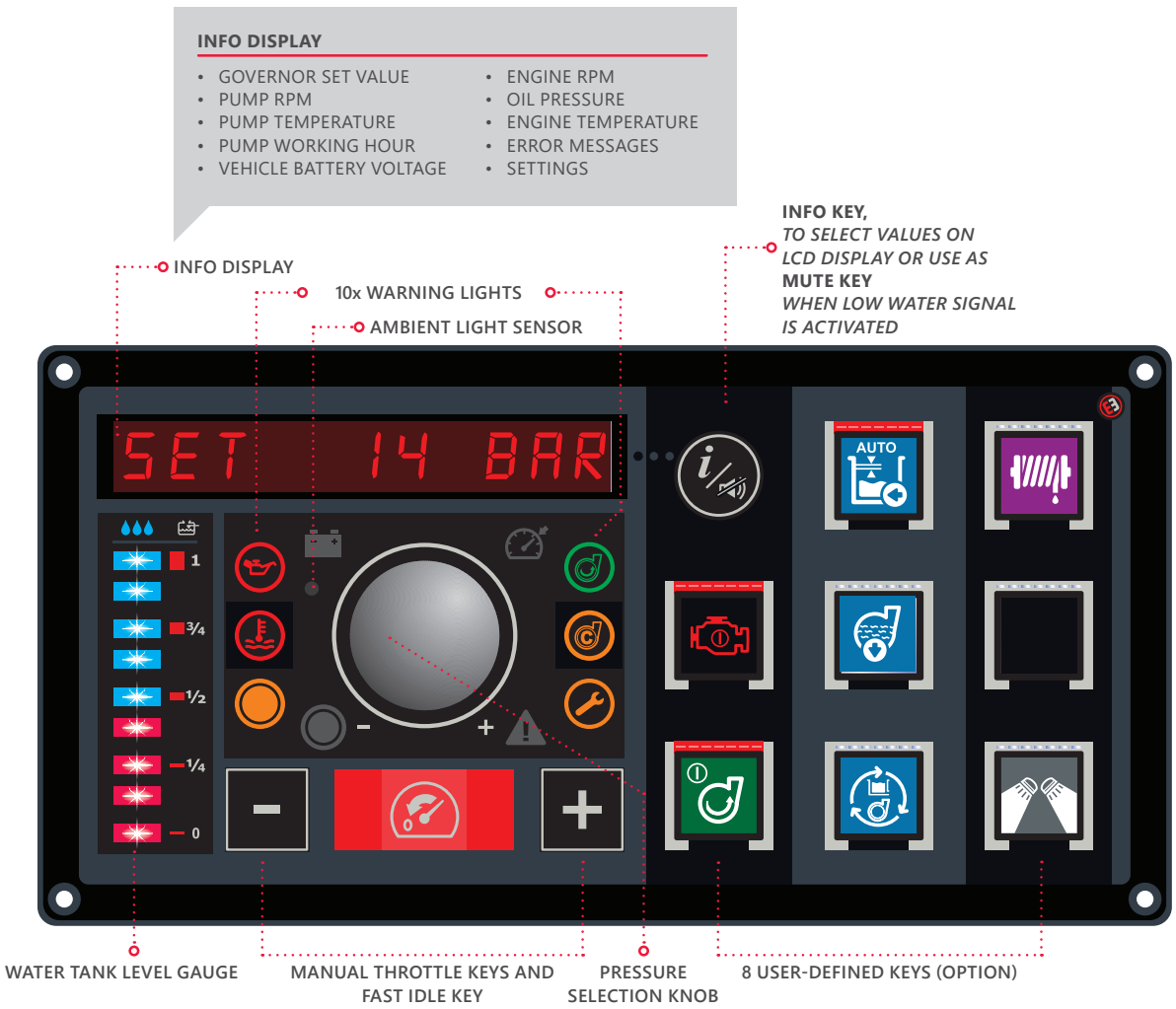
*No outputs active

MMX Pump Control Unit

The **MMX PCU-WPG** is an electronic Pump Control Unit with an integrated water tank level gauge, pressure governor, keyboard, warning lights and super bright alphanumeric LED display. It can also be used to control other vehicle systems such as valves, lighting, display engine and water pump data, display pump warning messages as cavitation temperature, etc. The main function of PCU is Pressure Governor which allows automated regulation of the engine RPMs according to

the pressure fluctuations in the pump. The automatic pressure regulation is turned ON by turning the rotation switch - encoder.

The integrated keyboard 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 and coloured according to function groups for easy recognition. Unused keys can be screened off with dark label.



MMX PCU-W

ALPHANUMERIC SUPER BRIGHT LED DISPLAY

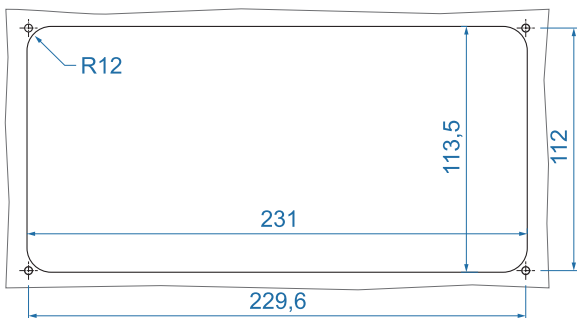
INTEGRATED WATER TANK LEVEL GAUGE

INTEGRATED 12 KEYS

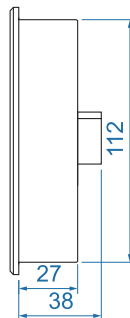
9 WARNING LIGHTS



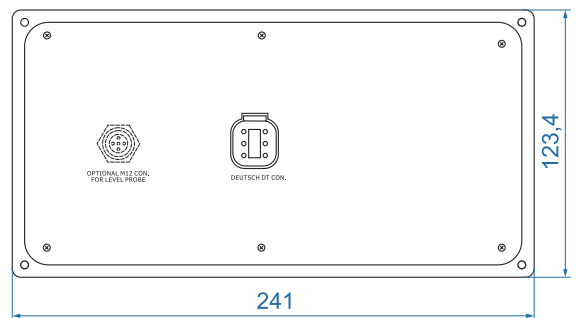
MMX PCU - VIEW FROM THE BACK



MMX PCU - SIDE VIEW



CUT OUT FOR THE CONTROL PANEL



Specifications

Power supply	10 V ... 30 V DC
Power consumption*	max. 10 W
Communication	E-CAN with MMX IOS
Buttons	8 Programmable keys with user selectable pictograms and 4 pre-defined
Warning lights	9
Pressure governor	/
Display	Alphanumeric superbright LED display 11 digit
Enclosure protection (IEC 529)	IP67
Operating temperature	from -40 °C to +80 °C
Enclosure dimension (LxHxW)	241 x 123 x 42 mm
Electrical connection	Deutsch DT06-6S connector
Weight	1 kg

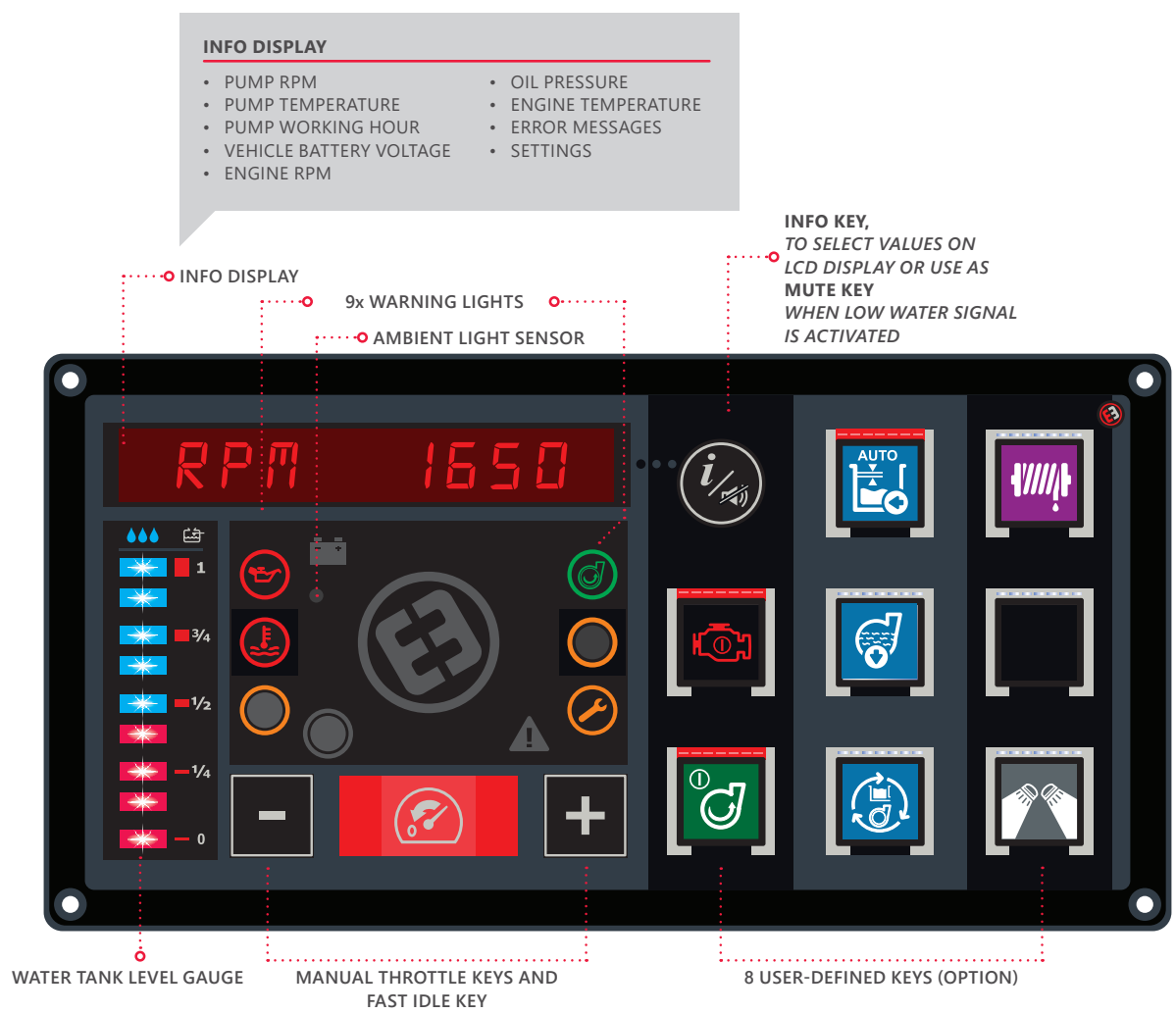
*No outputs active

MMX Pump Control Unit

The MMX PCU W is an electronic Pump Control Unit with integrated water tank level gauge, keyboard, warning lights and super bright alphanumeric LED display. It can also be used to control other vehicle systems such as valves, lighting, display engine and water pump data, display pump warning messages as pump temperature, etc. The integrated keyboard 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 and coloured according to function groups for easy recognition. Unused keys can be screened off with dark label. Labels are inserted at the inner side of the front panel of a keyboard.



MMX PCU-WFPG

PRESSURE GOVERNOR WITH
CAVITATION WARNING

ALPHANUMERIC SUPER BRIGHT
LED DISPLAY

INTEGRATED WATER TANK AND
FOAM TANK LEVEL GAUGE

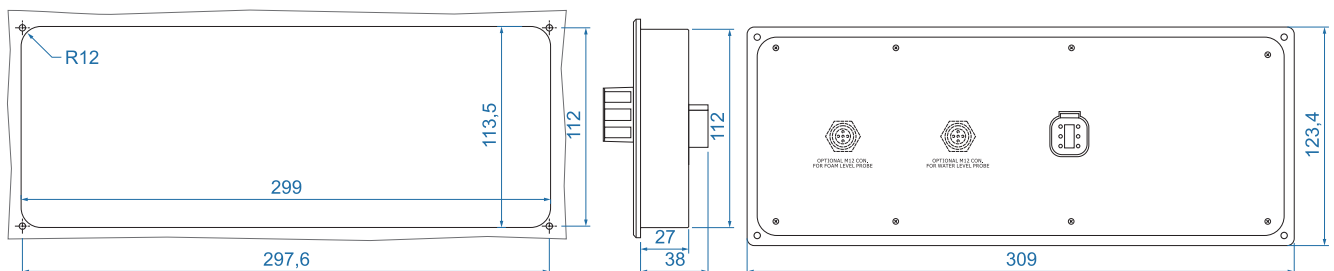
INTEGRATED 15 KEYS, 10
WARNING LIGHTS, 1 ENCODER



MMX PCU - VIEW FROM THE BACK

MMX PCU - SIDE VIEW

CUT OUT FOR THE CONTROL PANEL



Specifications

Power supply	10 V ... 30 V DC
Power consumption*	max. 10 W
Communication	E-CAN with MMX IOS
Buttons	11 Programmable keys with user selectable pictograms and 4 pre-defined
Warning lights	10
Pressure governor	automatic pressure regulation with cavitation warning
Display	Alphanumeric superbright LED display 11 digit
Enclosure protection (IEC 529)	IP67
Operating temperature	from -40 °C to +80 °C
Enclosure dimension (LxHxW)	309 x 123 x 42 mm
Electrical connection	Deutsch DT06-6S connector
Weight	1 kg

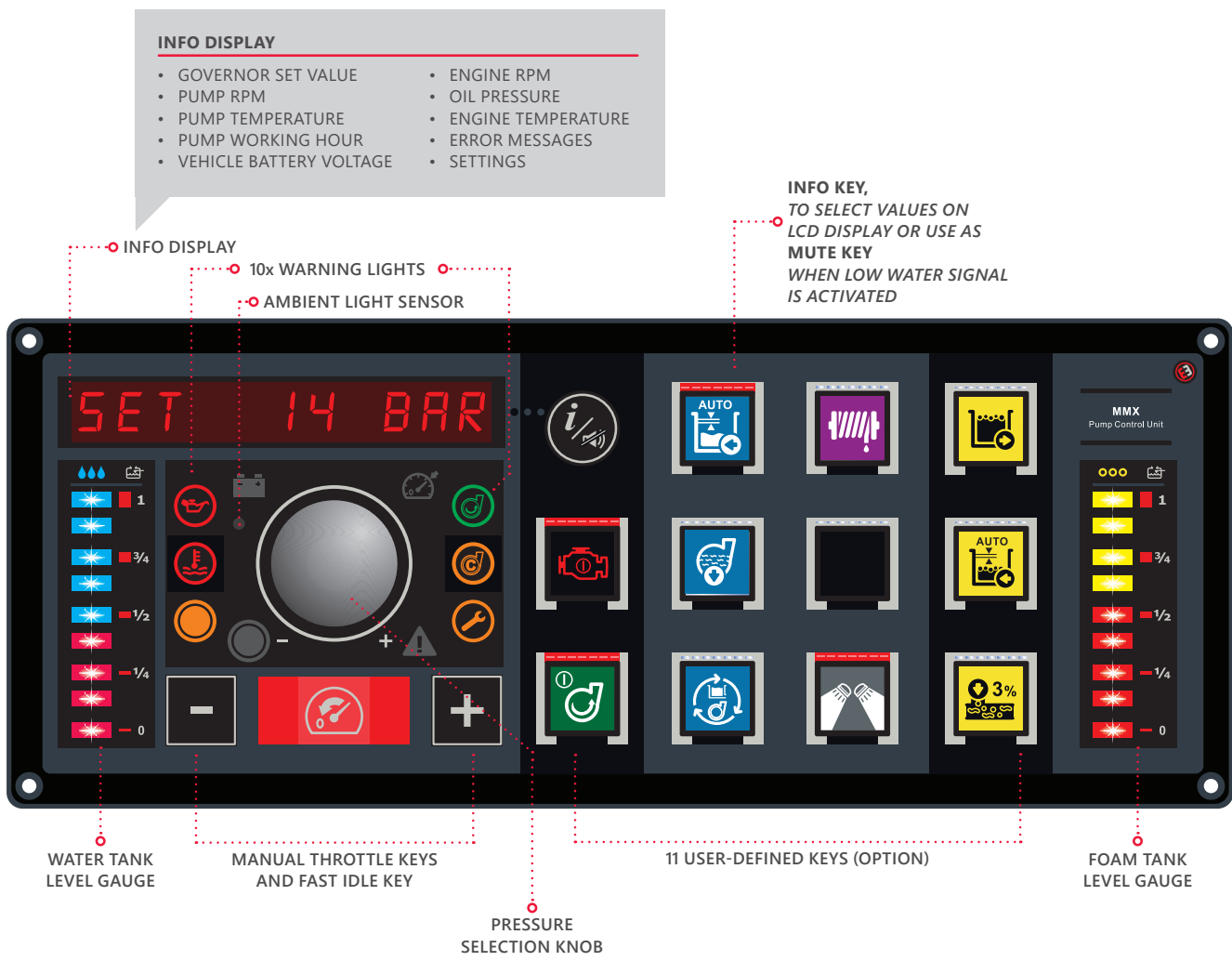
*No outputs active

MMX Pump Control Unit

The MMX PCU-WFPG is an electronic Pump Control Unit with an integrated water and foam tank level gauge, pressure governor, keyboard, warning lights and super bright alphanumeric LED display. It can also be used to control other vehicle systems such as valves, lighting, display engine and water pump data, display pump warning messages as cavitation temperature, etc. The main function of PCU is Pressure Governor which allows automated regulation of the engine RPMs according to

the pressure fluctuations in the pump. The automatic pressure regulation is turned ON by turning the rotation switch - encoder.

The integrated keyboard 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 and coloured according to function groups for easy recognition. Unused keys can be screened off with dark label.



MMX PCU-WF

ALPHANUMERIC SUPER BRIGHT LED DISPLAY

INTEGRATED WATER TANK AND FOAM TANK LEVEL GAUGE

INTEGRATED 15 KEYS

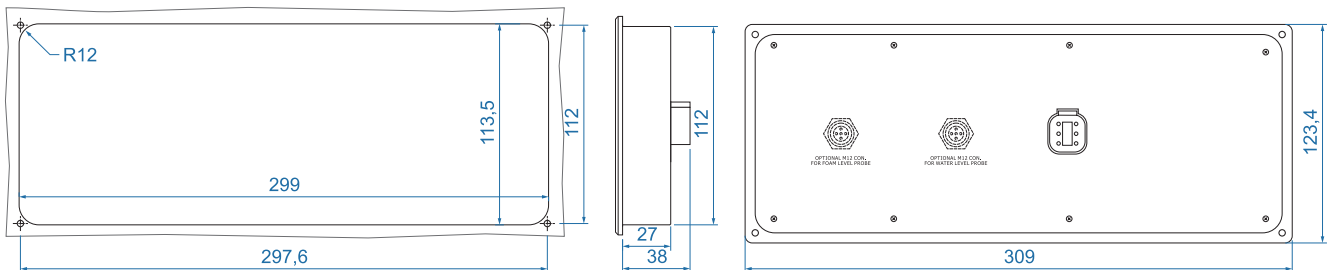
9 WARNING LIGHTS



MMX PCU - VIEW FROM THE BACK

MMX PCU - SIDE VIEW

CUT OUT FOR THE CONTROL PANEL



Specifications

Power supply	10 V ... 30 V DC
Power consumption*	max. 10 W
Communication	E-CAN with MMX IOS
Buttons	11 Programmable keys with user selectable pictograms and 4 pre-defined
Warning lights	9
Pressure governor	automatic pressure regulation with cavitation warning
Display	Alphanumeric superbright LED display 11 digit
Enclosure protection (IEC 529)	IP67
Operating temperature	from -40 °C to +80 °C
Enclosure dimension (LxHxW)	309 x 123 x 42 mm
Electrical connection	Deutsch DT06-6S connector
Weight	1 kg

*No outputs active

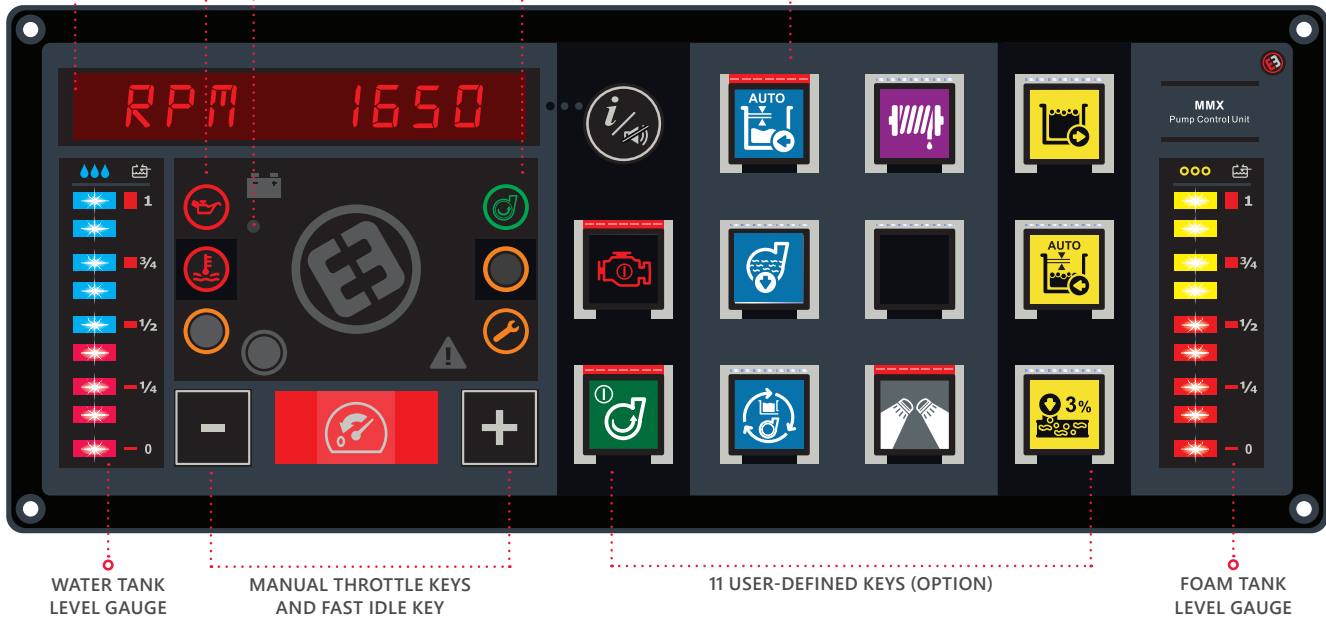
MMX Pump Control Unit

The MMX PCU-WF is an electronic Pump Control Unit with an integrated water and foam tank level gauge, keyboard, warning lights and super bright alphanumeric LED display. It can also be used to control other vehicle systems such as valves, lighting, display engine and water pump data, display pump warning messages as temperature, etc.

The integrated keyboard 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 and coloured according to function groups for easy recognition. Unused keys can be screened off with dark label. Labels are inserted at the inner side of the front panel of a keyboard.

- INFO DISPLAY**
- PUMP RPM
 - PUMP TEMPERATURE
 - PUMP WORKING HOUR
 - VEHICLE BATTERY VOLTAGE
 - ENGINE RPM
 - OIL PRESSURE
 - ENGINE TEMPERATURE
 - ERROR MESSAGES
 - SETTINGS

INFO KEY,
TO SELECT VALUES ON
LCD DISPLAY OR USE AS
MUTE KEY
WHEN LOW WATER SIGNAL
IS ACTIVATED



WATER TANK LEVEL GAUGE

MANUAL THROTTLE KEYS AND FAST IDLE KEY

11 USER-DEFINED KEYS (OPTION)

FOAM TANK LEVEL GAUGE

MMX PCU-WKPG

PRESSURE GOVERNOR WITH
CAVITATION WARNING

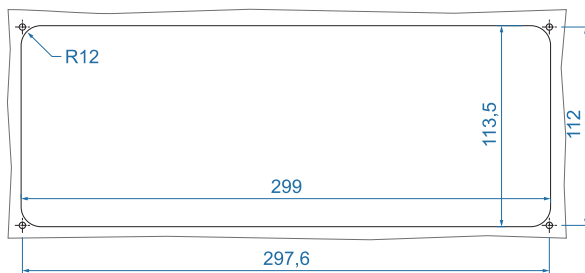
ALPHANUMERIC SUPER BRIGHT
LED DISPLAY

INTEGRATED WATER TANK LEVEL
GAUGE

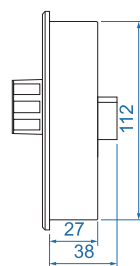
INTEGRATED 18 KEYS, 10
WARNING LIGHTS, 1 ENCODER



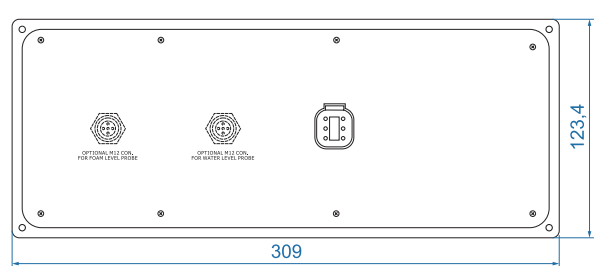
MMX PCU - VIEW FROM THE BACK



MMX PCU - SIDE VIEW



CUT OUT FOR THE CONTROL PANEL



Specifications

Power supply	10 V ... 30 V DC
Power consumption*	max. 10 W
Communication	E-CAN with MMX IOS
Buttons	14 Programmable keys with user selectable pictograms and 4 pre-defined
Warning lights	10
Pressure governor	automatic pressure regulation with cavitation warning
Display	Alphanumeric superbright LED display 11 digit
Enclosure protection (IEC 529)	IP67
Operating temperature	from -40 °C to +80 °C
Enclosure dimension (LxHxW)	309 x 123 x 42 mm
Electrical connection	Deutsch DT06-6S connector
Weight	1 kg

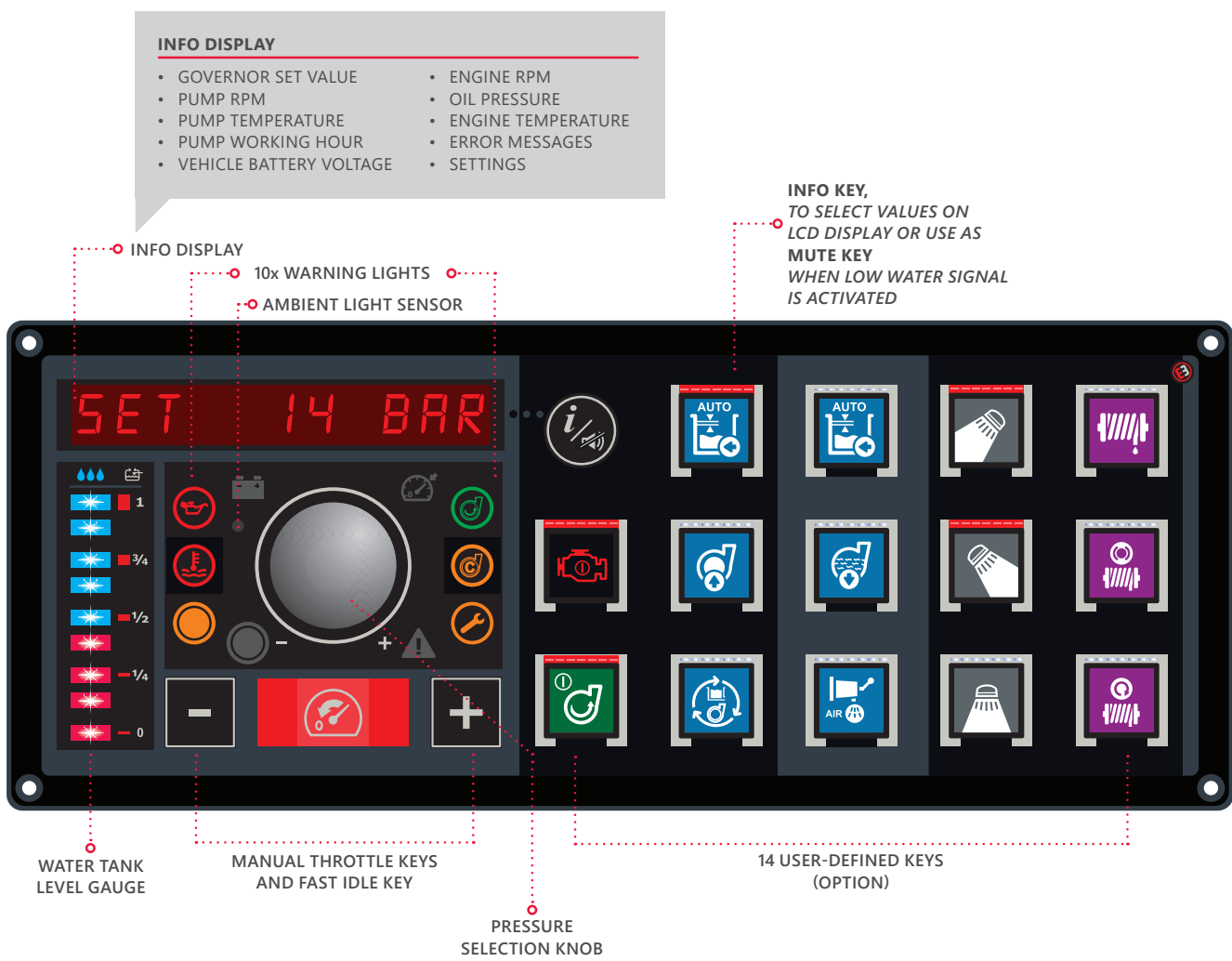
*No outputs active

MMX Pump Control Unit

The MMX PCU-WKPG is an electronic Pump Control Unit with an integrated water tank level gauge, pressure governor, keyboard, warning lights and super bright alphanumeric LED display. It can also be used to control other vehicle systems such as valves, lighting, display engine and water pump data, display pump warning messages as cavitation temperature, etc. The main function of PCU is Pressure Governor which allows automated regulation of the engine RPMs according to

the pressure fluctuations in the pump. The automatic pressure regulation is turned ON by turning the rotation switch - encoder.

The integrated keyboard 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 and coloured according to function groups for easy recognition. Unused keys can be screened off with dark label.



MMX PCU-WK

ALPHANUMERIC SUPER BRIGHT
LED DISPLAY

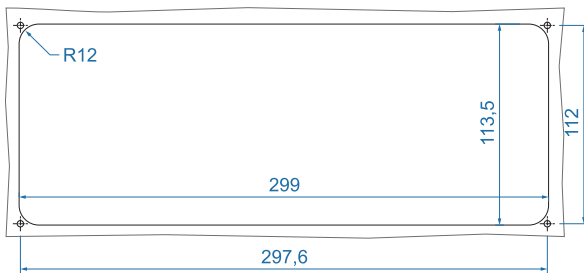
INTEGRATED WATER TANK LEVEL
GAUGE

INTEGRATED 18 KEYS

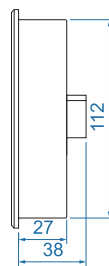
9 WARNING LIGHTS



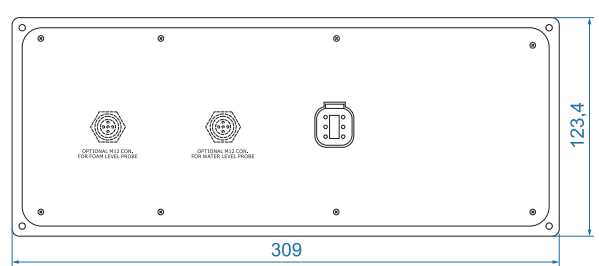
MMX PCU - VIEW FROM THE BACK



MMX PCU - SIDE VIEW



CUT OUT FOR THE CONTROL PANEL



Specifications

Power supply	10 V ... 30 V DC
Power consumption*	max. 10 W
Communication	E-CAN with MMX IOS
Buttons	14 Programmable keys with user selectable pictograms and 4 pre-defined
Warning lights	9
Pressure governor	/
Display	Alphanumeric superbright LED display 11 digit
Enclosure protection (IEC 529)	IP67
Operating temperature	from -40 °C to +80 °C
Enclosure dimension (LxHxW)	309 x 123 x 42 mm
Electrical connection	Deutsch DT06-6S connector
Weight	1 kg

*No outputs active

MMX Pump Control Unit

The **MMX PCU-WK** is an electronic Pump Control Unit with integrated water tank level gauge, keyboard, warning lights and super bright alphanumeric LED display. It can also be used to control other vehicle systems such as valves, lighting, display engine and water pump data, display pump warning messages as pump temperature, etc. The integrated keyboard 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 and coloured according to function groups for easy recognition. Unused keys can be screened off with dark label. Labels are inserted at the inner side of the front panel of a keyboard.

