

## KEEP POSITION

### PMH KP - 100

#### PETTER'S MARINE HYDRAULICS' "KEEP POSITION"

**(KP)** system is a dynamic positioning system for integration with the MPTC system or other control systems, which enables the vessel to keep its position or station relative to an ROV or other objects. The KP system is tuned to the individual vessel, and optimized with respect to the vessel's area of operation, which reduces both wear and tear on the vessels propulsion equipment and brings down the fuel costs. In situations where weather causes manual operations to seas due to increased risk, **PETTER'S MARINE HYDRAULICS'** KP system will expand the window of operation, making the operation both safe and reliable. Being able to perform an operation in difficult conditions reduces "waiting on weather" periods, ensures cost efficiency and keeps the project or delivery on schedule.

#### FUNCTIONALITY – KP, Joystick-mode

The KP-100 system is a dynamic positioning system with the most basic of functions, for vessels without special requirements for extra features. KP-mode keeps your vessel in a desired position and heading, where the joystick lets you step your position in prefixed steps. Using Joystick-mode makes docking and maneuvering both quick and easy, as the KP system directs all propulsion and maneuvering equipment to move the vessel in the desired direction.

The KP system is prepared for integration with thruster controlsystems such as **PETTER'S MARINE HYDRAULICS'** MOTOR PITCH and THRUSTER CONTROL (MPTC), but can also be used with any other system. Please see the MPTC brochure or visit **PETTER'S MARINE HYDRAULICS'** homepage [www.pmh.no](http://www.pmh.no) for more information on this products.



#### TECHNICAL SPECIFICATIONS

<b>Power</b>	
Input voltage	23 AC (50 Hz)
<b>Control panel</b>	
Power consumption	< 5 W
<b>Control cabinet</b>	
Powerconsumption	< 250 W
<b>Data input</b>	
GPS	RS 485
Windsensor	RS 485
Compass	RS 485
<b>Physical and environmental</b>	
Operating temperature	-15 to +55°C
Storage temperature	-15 to +70°C
Humidity - operating	0-95% RH
<b>Weight</b>	
Control panel	0.3 kg
Control cabinet	< 50 kg
<b>Dimensions (WxDxH)</b>	
Control panel	100 x 160 x 200 mm
Control cabinet	600 x 600 x 300 mm
<b>Standards and sertications</b>	
Designed to meet	CE/FCC
Cabinet tightness	IP65

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TECHNICAL DRAWINGS

Control panel

Width	=	100
Height	=	160
Hole width	=	80
Hole height	=	140
A	=	86
B	=	146
Ø	=	4

