

MARINE



PIHER SENSING SYSTEMS

Piher is a specialist manufacturer of Sensors & Controls with more than **60 years of know-how** and presence worldwide.

Since 1950 we are key partner for electronic sensors and contro

Automotive, Heavy Equipment & Transportation, Industrial, Medical, Marine and Appliance markets.



We excel in providing to our customers **high precise solutions**, including a wide range of technologies as **Hall effect, Inductive & Printed electronics** in difference substrates.

We are part of **Amphenol Corporation**, a worldwide leader Company in the electronic market. Thanks to this integration, Piher is supporting with uncompromising attitude towards achieving **technological and service leadership**, as well as solid financial strength and stability thus ensuring efficient, low cost production, **product innovation** and continuity of investment in long-term research and



Thanks to our **deep focus in R&D** we enhance our customers with both custom or standard products according to their needs.

We are delighted of supporting your development. So please, **contact us & let us support to provide you with and outstanding solution**



Throttle/joystick control marine



Throttle position

Power trim & tilt angle

Fin controls

Crankshaft & camshaft position sensor

Steer-by-wire

PIHER *sensing*
systems

Amphenol
Sensors



	MTS-360	MTS-360PCB	PST360	PSC-360U	PSC360	PS2P-CON	PS2P-LIN	PS2P-ARC
Type	Rotary						Linear	Rotary
Output	Analog (ratiometric) PMW,SPI,CAN J1939							
Rendundancy	Yes							
Resolution	Analog/PMW: 12 bits ; Serial(SPI):14bits							
Linearity	±1 % absolute ± (0,5 % upon request)							
Supply Voltage	5V		5V-From 12 up to 25V					
Supply Current	Typ 8.5mA for single versión. Typ 17mA for redundant version							
Voltage Protection	+20V over voltaje protection -10 V reverse voltage protection		+10V over voltage protection and -10V reverse voltage protection					
Rotational life	Up to 50M cycles					Virtually unlimited		
Switch output	Yes,programmable							
Measurement range	Up to 360º						Standard higher upon request	Custom
Redundancy	Yes							
Diameter size	Ø Hollow shaft:4mm		Ø Through hole 14mm or 17 mm	Ø Shaft 6,35mm	Ø Shaft:6mm	Air gap	Nominal airgap 3mm Higher air gap upon request	Customizable air gap
Mounting	SMD mount	Flange connector	Flange/Fly lead harness Integrator connector	Flange/PCB	Flange/Fly lead harness Available Upon Request	Flange/Fly lead harness Other Upon Request	Flange/Fly lead harness Other Upon Request	Flange/Fly lead harness Other Upon Request
Sealing	IP50		Hard-epoxy for harsn environments					
Datasheet	https://www.piher.net/MTS-360	https://www.piher.net/MTS-360PCB	https://www.piher.net/PST-360	https://www.pihernet.net/PSC-360U	https://www.piher.net/PSC-360	https://www.piher.net/PS2P-CON	https://www.piher.net/PS2P-LIN	https://www.piher.net/PS2P-ARC

TELL US WHAT YOU NEED



PIHER *sensing* systems an Amphenol® company

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Automotive



Off road Vehicles



Industrial



Marine



Home & Building
automation



Appliance

Amphenol Sensors

Delivering Value-Add



Sensors

IATF 16949:2016



BSI Certificate Number: 585584
IATF Number: 0327014

ISO 9001:2015



BSI Certificate Number: FM 596631
Certificate Number: E8093953-1

ISO 14001:2015



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