

Engineered for Excellence in Marine Sector



Electronic System Engineering (ESE) Services

Since 1989, Twintech is a solution oriented company, offering Electronic System Engineering (ESE) Services.

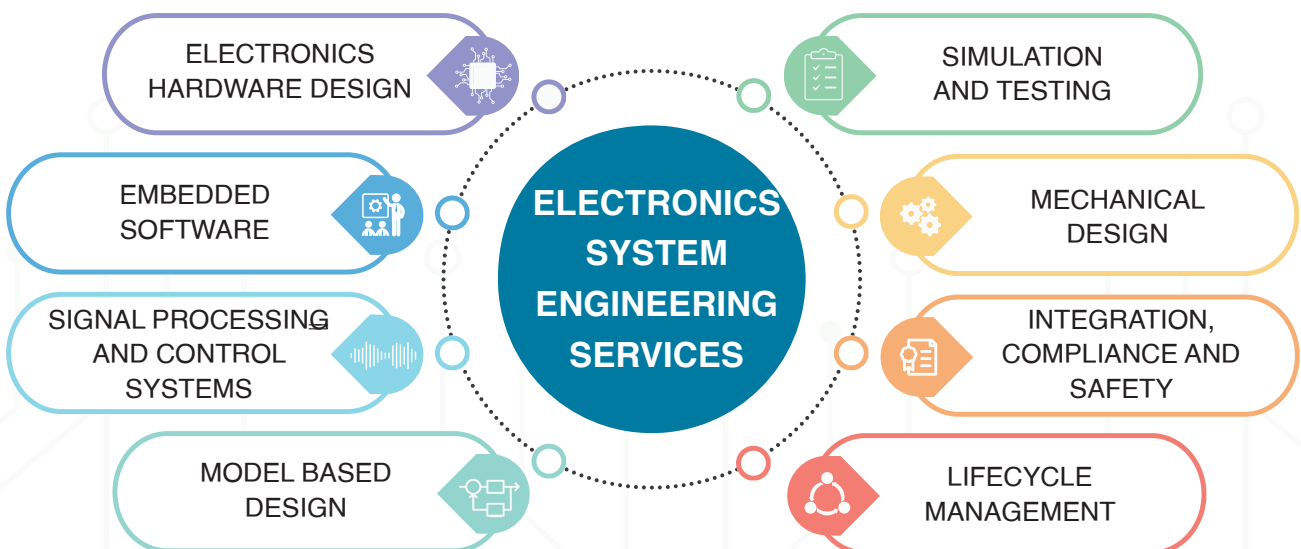
ESE is a multidisciplinary field focused on designing, developing and managing complex electronic systems.

It involves integrating multiple engineering domains such as electronics, software, mechanical, and control engineering to create systems that meet specific performance, functionality and reliability requirements.

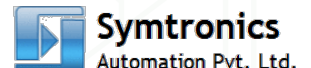
This engineering process encompasses the entire lifecycle of an electronic product from concept and feasibility studies to design, manufacturing, deployment and maintenance.

“ Switching to import substitute parts was one of the best decisions I’ve made. Not only are they cost-effective but the support from the Twintech team has been outstanding.”

“ Their innovative approach to product development allowed us to create unique offerings that resonated with our customers.”



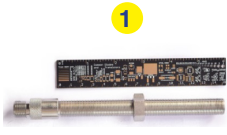



Our Clients



Marine Sector :

Twintech Control Systems Pvt. Ltd. has established a strong reputation and nationwide presence in India's Marine Sector. The company specializes in designing and manufacturing electronic products tailored for this industry including: 1) Magnetic Speed Sensor 2) Digital Hourmeter 3) Digital RPM Indicator 4) Hall Effect 5) Diesel Engine Safety Control Test Kit. With a robust network of over 100 associates across India, Twintech ensures widespread distribution and support for its products. Their commitment to innovation and quality has solidified their standing in this sector. For detailed information please visit to our website- www.twintechcontrols.com

Magnetic Speed Sensor types (MOQ 30 Nos.)

5/8" 18 UNF THREADS	3/4" 16UNF THREADS	M16 THREADS	M18 THREADS
 <p>ARA SPEED SENSOR</p> <ul style="list-style-type: none"> Threading Length : 50/ 76/114/152 mm Probe Connector : 2 Pin Male Assembly mating to MS connector Cable Length : 2 Meters long with Female MS Connector Coil Resistance : 800 to 1500 Ω 	 <p>CARINA DO-MPU SPEED SENSOR</p> <ul style="list-style-type: none"> Threading Length : 90 mm Probe Connector : 1 Sqmm Black Wires Cable Length : 600 mm Coil Resistance : 800 to 1.5 K Ω Output : Dual 	 <p>Part No. TKMPU28 M16</p> <ul style="list-style-type: none"> Threading Length : 82 mm Probe Connector : Wires leads + 2 pole connector 110 series Female Cable Length : 200 mm Coil Resistance : 1000 to 1500 Ω 	 <p>Part No. MS10M18</p> <ul style="list-style-type: none"> Threading Length : 50 mm Probe Connector : 2 pin MS Connector Lock Nuts : 2 Nos. Coil Resistance : 1000 ± 50 Ω Output : Sine wave

New Digital Hourmeter (MOQ 50 Nos.)



- DIGITAL HOUR METER**
Part No. TDHM3700
- Supply : 9-60 V. DC
 - Input : 12-24 V. DC
 - Display : LCD Display 6 digits with back light
 - IP : 65
 - Cut out size : 52 mm Dia

Digital RPM Indicator (MOQ 10 Nos.)



- LCD Display**
Part No. DRI2700-118
- Supply : 12-32 VDC
 - Input : MPU
 - Display : LCD 4 Digits
 - Output : N.A
 - Teath gear : Factory Set @ 118 TG
 - Connection : 4 Screw Terminals
 - Overspeed : N.A
 - Size: 96 X 96 X 50 mm



- RPM Indicator with Adjustable Overspeed**
Part No. DRI2700-OS
- Supply : 12-32 VDC
 - Input : MPU
 - Display : RED Led 4 Digits Seven Segment
 - Output : N.A
 - Teath gear : Factory Set
 - Connection : 7 Screw Terminals
 - Overspeed : 1
 - Size : 96 X 96 X 125 mm

Hall Effect Sensor (MOQ 30 Nos.)



- Bi direction Sensor**
- Threading M18 X1.0
 - Threading Length : 50.0mm
 - Probe Connector : PG 9 Cable Gland
 - Cable Length : 1 Meter Long 4 Core
 - Operating Temperature: -40 °C to +106 °C
 - Output Type : Speed Direction output



- TRI Hall Speed Sensor**
- Threading M12 X 1.0
 - Threading Length : 60 /100 /120 mm
 - Probe Connector : Teflon wires 3 core
 - Cable Length : 1.0 Meters
 - Operating Temperature: -40 °C to +106 °C
 - Output : Square wave

TWINTECH DEVELOPED – Diesel Engine Safety Control Test Rig Kit



These 3 Safety Switches can be tested using this NABL Calibrated Safety Control Test Kit



1. Temperature Switch



2. Overspeed Switch



3. Low Lube Oil Pressure Switch



- Temperature Safety Control Device Test Rig.
- Over-Speed Safety Control Device Test Rig.
- Pressure Safety Control Device Test Rig.
- Tool Box

200+ types of MPU Available all over India through 100 Associates

Get In Touch



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