

## Engineered for Excellence in Agriculture Sector



### Electronic System Engineering (ESE) Services

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

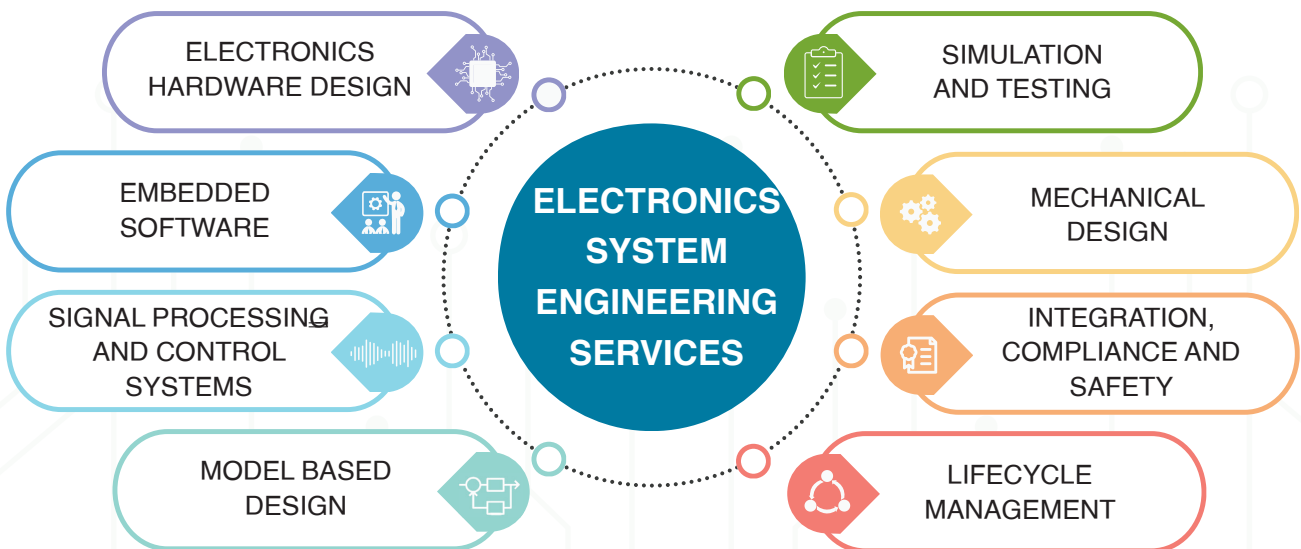
ESE is a multidisciplinary field focused on designing, developing and managing complex electronic systems.

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



## Agriculture Sector

**Twintech Control Systems Pvt. Ltd.** has established a strong reputation and nationwide presence in India's Agriculture Sector. The company specializes in designing and manufacturing electronic products tailored for this industry, including:

**Magnetic Speed sensor, Hall effect speed sensor, Digital Hourmeters, Speedometer.**

These devices are crucial for monitoring engine speed and operational hours, contributing to effective equipment management.

**CAN Bus Displays and Digital Clusters:** These are integrated into vehicles and machinery to monitor real-time data such as engine performance, fuel levels, and hydraulic systems, enhancing operational efficiency.

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 the Agri Sector.

For detailed information please visit to our website- [www.twintechcontrols.com](http://www.twintechcontrols.com)

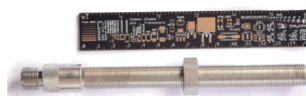
### Magnetic Speed Sensor types (MOQ 30 Nos.)

#### 5/8" 18UNF THREADS



##### GRUS SPEED SENSOR

- Threading Length : 50 / 76 / 114 mm
- Probe Connector : 2 Pin Male Millatery Style connector
- Cable Length : 2 Meters long with Female Connector
- Coil Resistance : 800 to 1500 Ω



##### ARA SPEED SENSOR

- 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

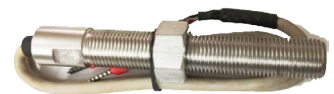
#### M18 THREADS



##### M18 X 1

- Threading Length : 40mm
- Probe Connector : Pg 9 Cable Gland
- Cable Length : 14/36 2 Core Shielded cable 300 mm long
- Operating Temperature: 40 °C to +106 °C
- Coil Resistance : 800 to 1500 Ω

#### M16 THREADS



##### M16 X 1.5 mm

- Threading Length : 95 mm
- Probe Connector : Rubber Gromet
- Cable Length : 14/36 2 Core Shielded cable 400 mm long
- Operating Temperature: 40 °C to +106 °C
- Coil Resistance : 800 to 1500 Ω

#### 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

#### M12 Threads (MOQ 30 Nos.)



##### TRI HALL SPEED SENSOR

- Threading M12 X 1
- Threading Length : 60 / 100 / 120 mm
- Probe Connector : Teflon wires 3 core
- Cable Length : 600 mm
- Operating Temperature: -40 °C to +106 °C
- Output : Square wave

#### CAN Bus Displays (MOQ 5 Nos.)



##### CAN BUS DISPLAY 4.5"

- Supply : 9-32 V DC
- Input : CAN/ 4 inputs
- Display : TFT Colour Display 4.5" TFT LCD
- Resolution : 480X854
- Brightness : 300 cd/m<sup>2</sup>
- Operating Temperature : -20 to +70° C
- IP : 65
- Accuracy : 0.50%
- Connector: TE Connectivity Automotive Connector
- Mounting: Panel / Surface

#### Digital Speedometer (MOQ 5 Nos.)



##### SPEEDOMETER OLED Display

- Supply : 9-32 V DC
- Input : Magnetic Speed Sensor/ Hall Effect proximity
- Speed Range : 0 to 9999 RPM
- Material : Nylon 66
- Size : 52 Diameter Cutout
- Fuel Meter Available : Yes With Bargraph Indicator
- Working Temperature : Operating Temperature - 20 to 80° C
- Usage/Application: Tractors, Agricultural Boom Sprayer Machine, Diesel Engine Panel, Core Drilling Machines

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

Get In Touch



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