

TO BE YOUR BEST SUPPLIER
OF AIR MANAGEMENT SENSORS





DMAF

20000m²

Wenzhou Dingcheng Electronic Technology Co., Ltd., (DMAF) began specializing in manufacturing, researching and developing sensors needs of automotive EFI system in 2008, located in Wenzhou China. Today, we hold more than 20 patents in air management sensing technology and signal processing, and have delivered more than 5 million MAF and MAP sensors for over 500 customer applications.

As a leading air management sensors manufacturer, Our manufacturing facilities maintain and uphold IATF16949 standards. DMAF Products is uniquely positioned to provide both OEM and Aftermarket channels with the very best products available.

DEVELOPMENT HISTORY | 发展历程

2008

开始立项
Project established



2011

通过TS 16949 质量管理体系认证
Pass TS16949 Quality management system certification



2015

注册商标
Registered trademark DMAF



导入ERP和MES系统
Applying for ERP & MES System

2017

新工厂落成，引进全自动的SMT贴装，并投入使用自动化生产线

Bring in full-automatic SMT line DingCheng's new factory completed, and put into use



导入IATF16949:2016质量管理体系，并申请认证审核

Import IATF-16949: 2016 quality management system and apply for certification audit



2010



鼎程电子科技有限公司正式成立
Dingcheng Electronic Technology Co., Ltd. founded

2012



与较多知名公司正式建立合作伙伴关系
Formed partnership with many famous companies

2016



通过莱阳动力审核，正式成为其发动机配套供应商
Passed OEM audit by Laiyang, Became its formal supplier for engine supporting parts

2018



获得国家高新技术企业认证，以及5个空流相关专利
Approved national high-tech enterprises and 5 MAF related patents

成立进气压力传感器项目
MAP sensor project established, aim to high-end aftermarket

2019



成立空气流量计省级研发中心
Set up a MAF and MAP nation R&D laboratory

8针多功能空气流量计研发成功
8-pins MAF comes out

2020

成功研发热模式空气流量传感器
Hot film type MAF successfully developed

引入ASM固晶机和邦定机
Bring in ASM Wafer Mounter

PRODUCTION AND DELIVERY CYCLE

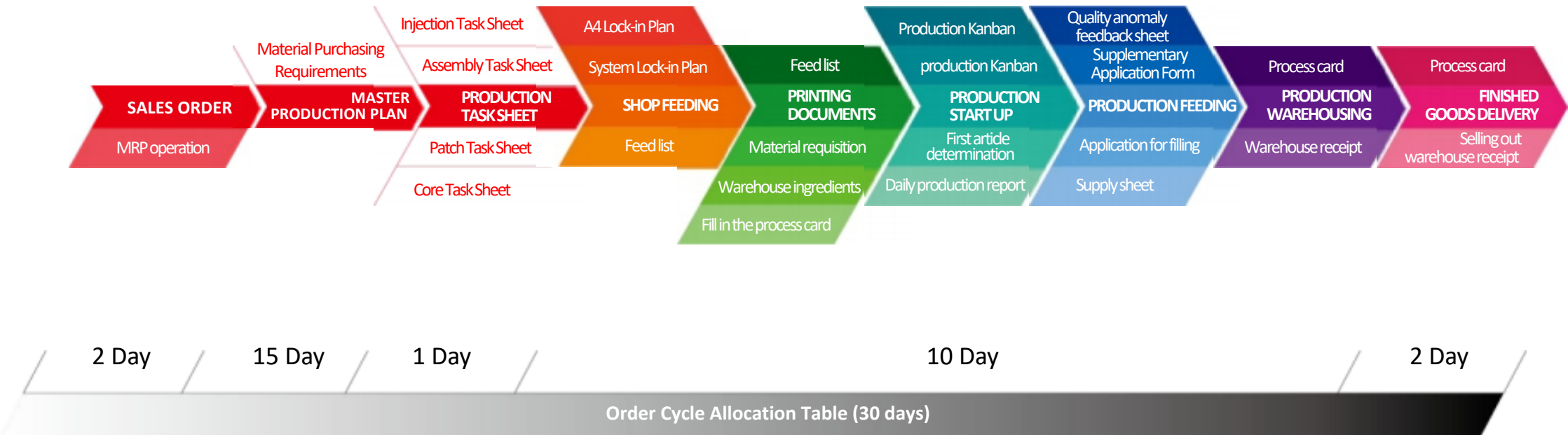
Through the upgrading of MRP and production management,
We promise to provide mass-produced products to our customers within 30 days.



MONTHLY PRODUCTION
CAPACITY OF
60000



30
DAYS DELIVERY



QUALIFICATIONS & HONOURS | 资质&荣誉



QUALIFICATIONS & HONOURS | 资质&荣誉

实用新型名称:

- 一种汽车风道流量传感器
- 汽车空气流量计的加工模具
- 一种具有过滤功能的空气流量计传感器
- 空气流量计的加工设备
- 一种汽车空气流量传感器的标定设备

NAME OF UTILITY MODEL:

- A Flow Sensor for Automobile Wind Channel
- Machining Die for Automobile Air Flow Meter
- An Air Flowmeter Sensor with Filtering Function
- Processing Equipment of Air Flow Meter
- A Calibration Equipment for Automotive Air Flow Sensor

专利号:

- ZL 2018 2 0015466.2
- ZL 2018 2 0074270.0
- ZL 2018 2 0074269.8
- ZL 2018 2 0074413.8
- ZL 2018 2 0207877.1

PATENT NO.:

- ZL 2018 2 0015466.2
- ZL 2018 2 0074270.0
- ZL 2018 2 0074269.8
- ZL 2018 2 0074413.8
- ZL 2018 2 0207877.1



QUALIFICATIONS & HONOURS | 资质&荣誉

软件名称:

汽车空气流量计校准系统V1.0
空气流量计诊断器连接系统V1.0
空气流量计质量检验软件V1.0
空气流量传感器测试系统V1.0
汽车空气流量计EFI系统V1.0
空气流量计故障排查系统V1.0
汽车空气流量计性能指标软件V1.0
空气流量计车载诊断系统V1.0
空气流量计电信号转换系统V1.0
空气流量计进气量控制系统V1.0

SOFTWARE NAME:

Vehicle Air Flowmeter Calibration System V1.0
Air Flow Meter Diagnostic Connection System V1.0
Air Flowmeter Quality Inspection Software V1.0
Air Flow Sensor Testing System V1.0
EFI System V1.0 of Automotive Air Flowmeter
Air Flowmeter Fault Detection System V1.0
Vehicle Air Flowmeter Performance Index Software V1.0
On-board diagnostic system V1.0 for air flowmeter
Air Flowmeter Electrical Signal Conversion System V1.0
Air Flow Meter Intake Control System V1.0

登记号:

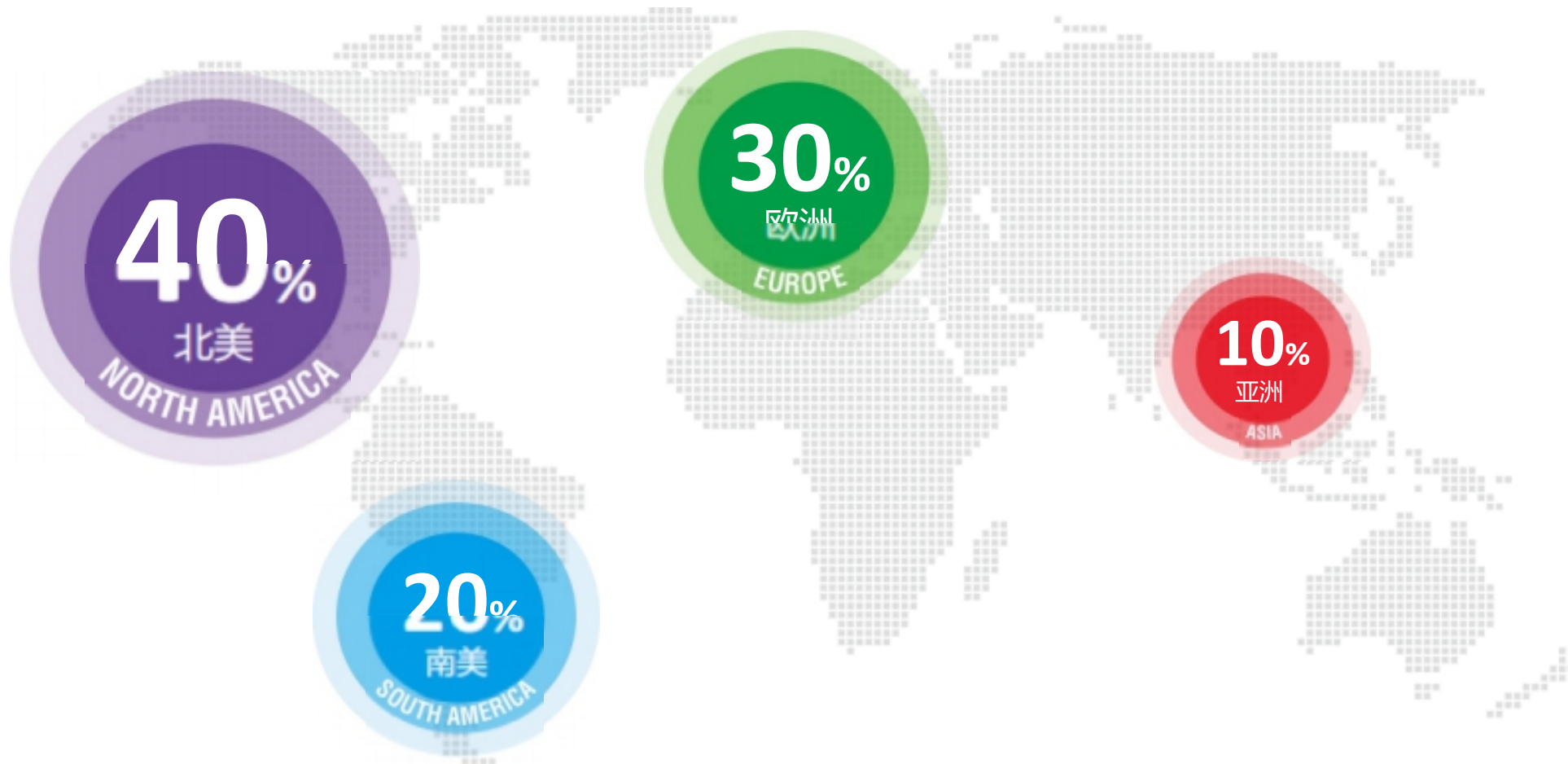
2018SR413407
2018SR414220
2018SR412824
2018SR412828
2018SR409909
2018SR409916
2018SR411697
2018SR411990
2018SR412893
2018SR412890

REGISTRATION NUMBER:

2018SR413407
2018SR414220
2018SR412824
2018SR412828
2018SR409909
2018SR409916
2018SR411697
2018SR411990
2018SR412893
2018SR412890



SALES SHARE | 销售份额



EXHIBITION | 展会

2017 上海国际汽配展
Automechanika
Shanghai 2017



EXHIBITION | 展会

2018 上海法兰克福展
Automechanika
Shanghai 2018



EXHIBITION | 展会

2017 上海国际汽配展
Automechanika
Shanghai 2017



EXHIBITION | 展会

2018 德国法兰克福展
Automechanika
Germany 2018





550 SKU

MASS AIR FLOW SENSOR

空气流量传感器



Product development lead time 60-90 days, 40-50 items per year.

产品开发周期 60-90天，每年40-50款。

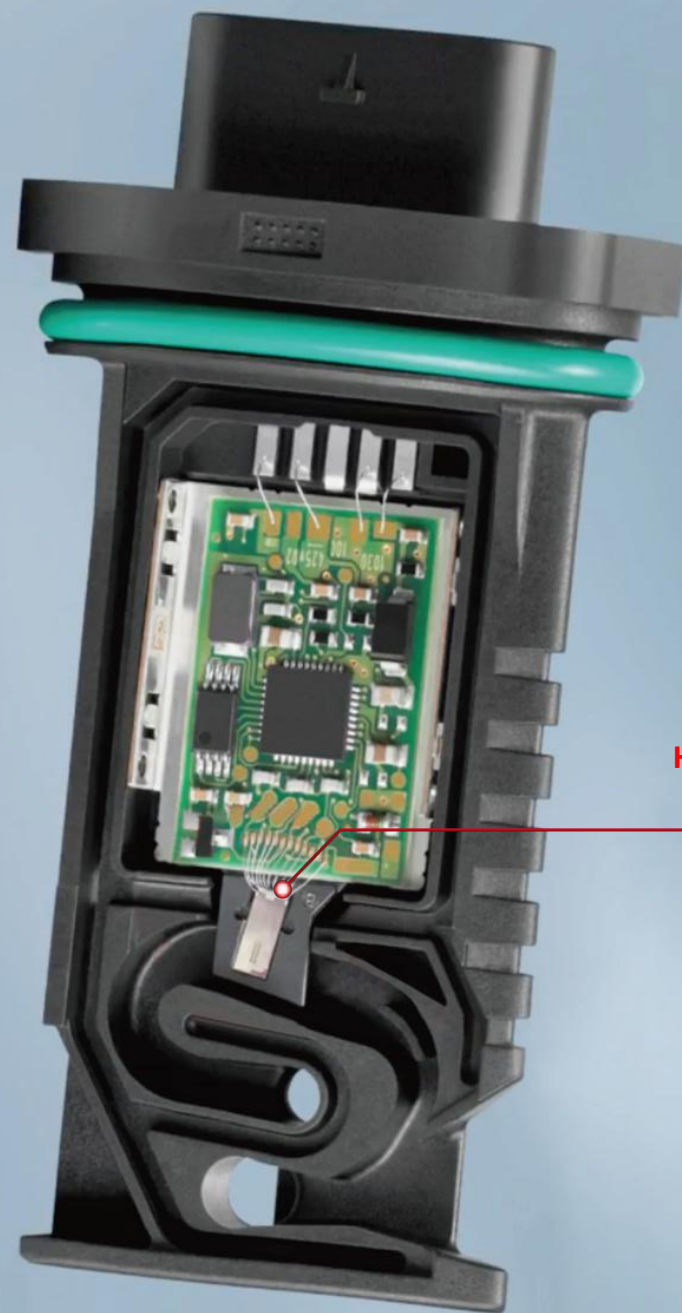
MAF

- 0 ~ 960 kg/h measurement range
- $\pm 2\%$ output accuracy
- quick response $\leq 15\text{ms}$
- 7 ~ 18V wide operating voltage range
- $\leq 200\text{mA}$ operating current
- temperature range from -40°C to 120°C





HOT WIRE
热丝式



HOT FILM
热膜式

AIR FLOW SENSORS | 空流剖析

NEW 8-PIN MAF SENSOR TECHNOLOGY
8针新技术

GENUINE PBT-30

AIR INTAKE TEMPERATURE SENSOR
温度

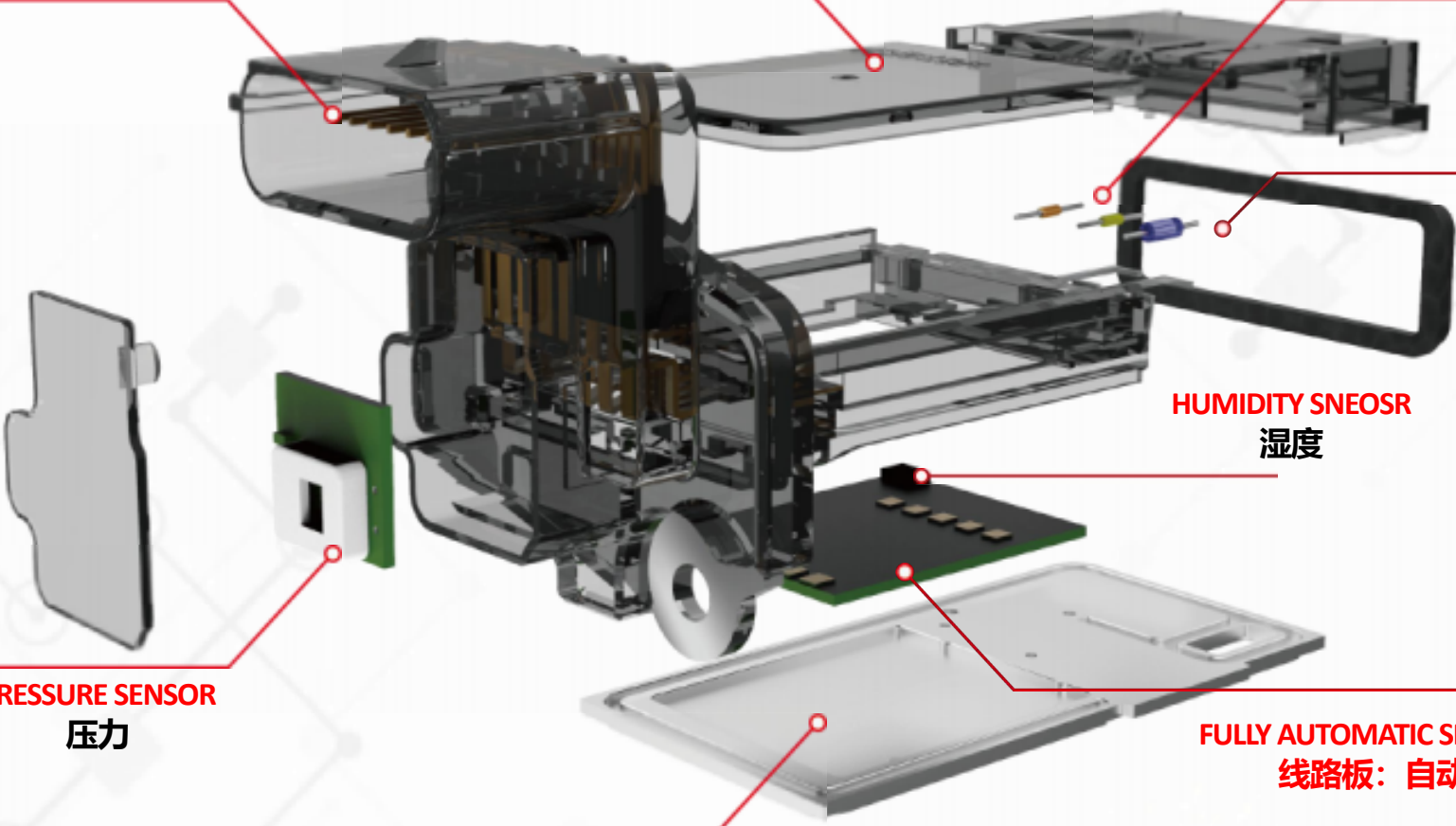
HOT WIRE MASS AIR FLOW SENSOR
热丝式

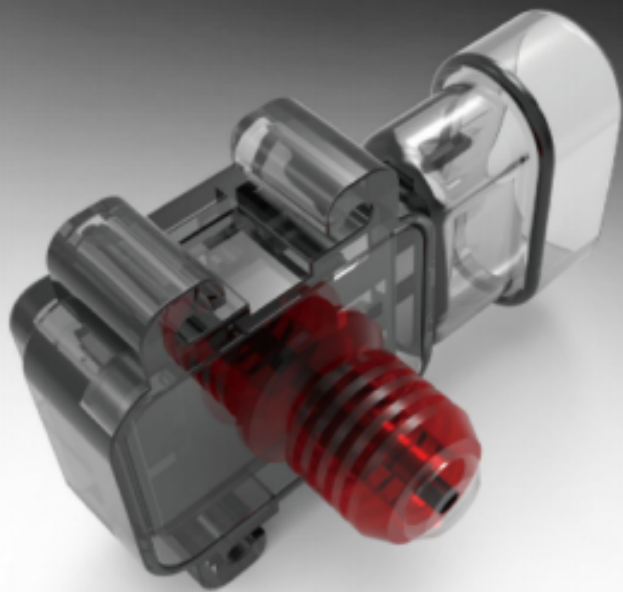
HUMIDITY SNEOSR
湿度

PRESSURE SENSOR
压力

SOLUTION FOR MULTIFUNITON MASS AIR FLOW SENSOR
多功能

FULLY AUTOMATIC SMT & BONDING BOARDS
线路板：自动贴片和自动绑定





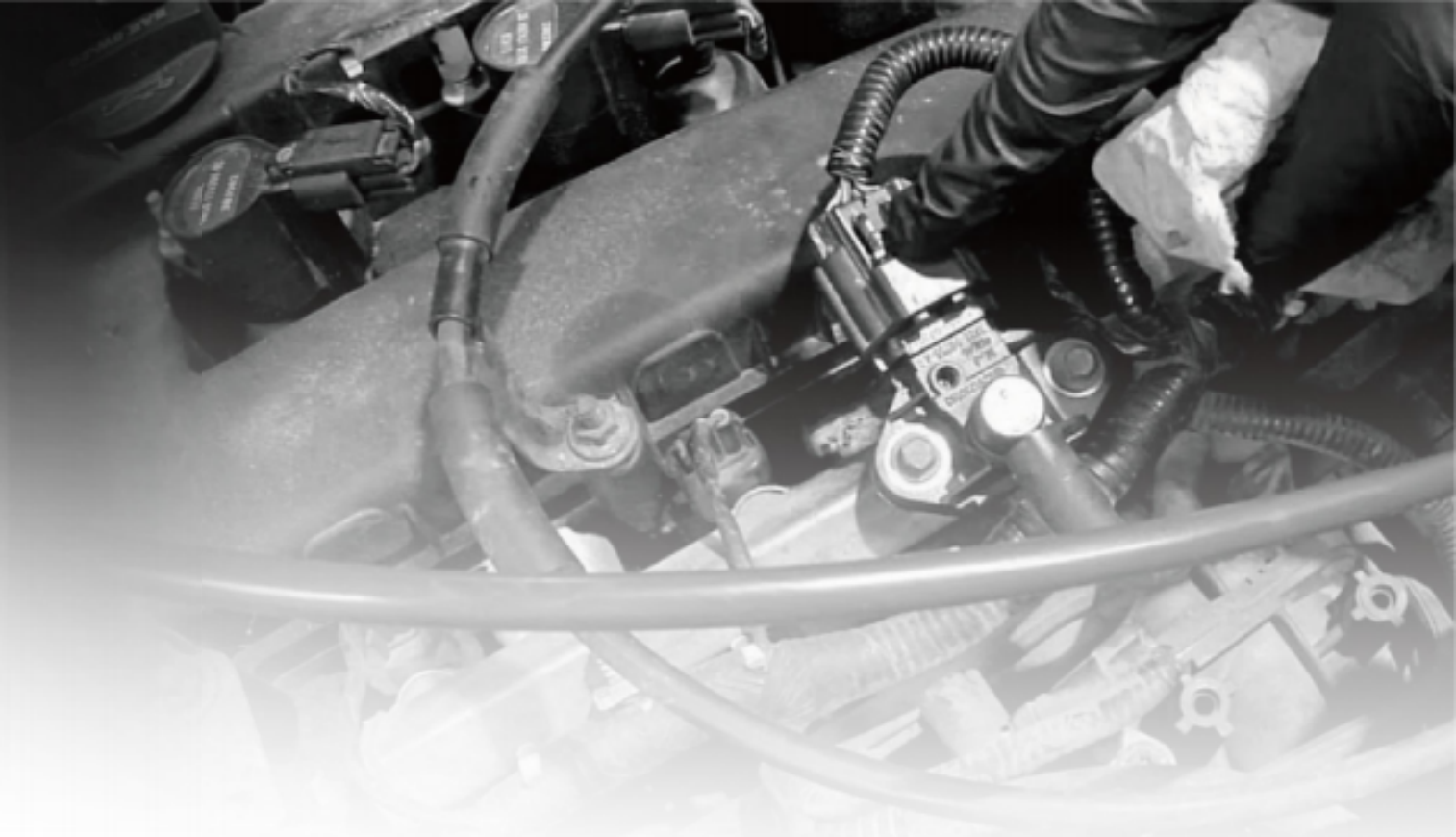
250 SKU

MANIFOLD ABSOLUTE PRESSURE SENSOR

进气压力传感器

Product development lead time 60-90 days

产品开发周期 60-90天



MAP

INTAKE MANIFOLD ABSOLUTE PRESSURE SENSOR (MAP) PRODUCTS

- Automotive technology chips applied, meet AEC-Q100 standard
- Protection of over voltage, reverse voltage and output
- Output deviation $\leq 1.5\%$
- Working temp: $-40^{\circ}\text{C} \sim 130^{\circ}\text{C}$
- Automatic and independent test system within 0.02% deviation pressure source

INTAKE PRESSURE SENSOR | 进气压力传感器

**AEC
Q100**

Automotive technology chips
applied, meet AEC-Q100 standard



Protection of over voltage, reverse
voltage and output



Output is configured with
different clamp voltage

1.5%

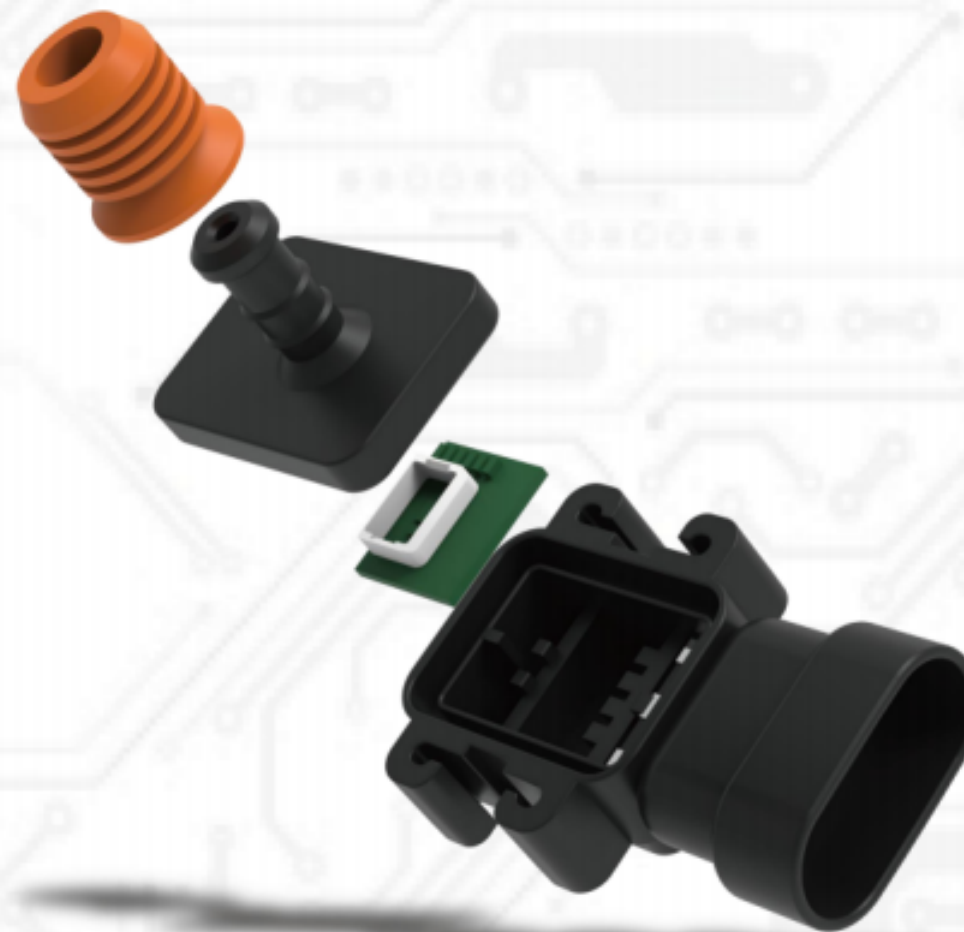
Output deviation $\leq 1.5\%$



Working temp: $-40\text{ C} \sim 130\text{ C}$



Automatic and independent test
system with precise air flow
source



SELECTED SUPPLIERS | 精选供应商



Heraeus





生产流程

PRODUCTION PROCESS

PRODUCTION PROCESS | 生产流程

来料检验
Incoming inspection



入库
Stock in



注塑
Plastic Injection



贴片
SMT



芯子
Plug-in Sensors Production



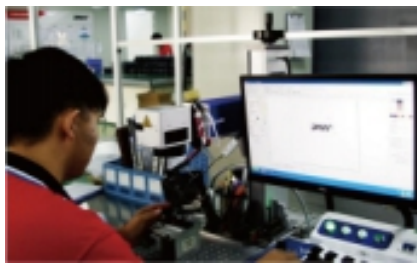
组装
Assembly



标定
Calibration



打标
Laser Marking



包装
Packaging



装箱
Finished



WAREHOUSE | 仓库

DMAF



PLASITIC INJECTION | 注塑

DMAF

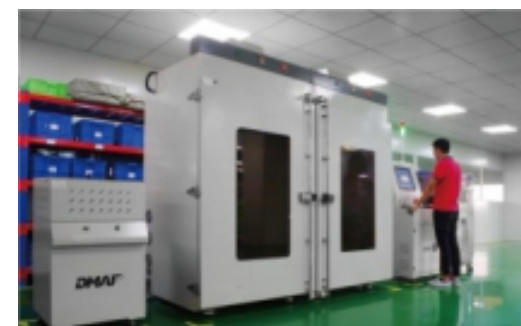
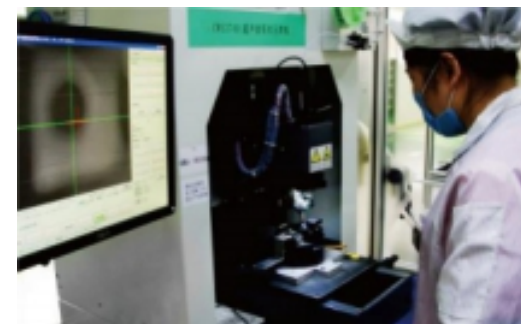


DMAF



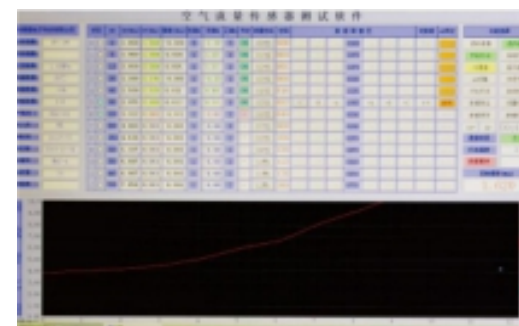
PLUG-IN SENSOR PRODUCTION | 芯子生产车间

DMAF



CALIBRATION & RETEST | 标定

DMAF

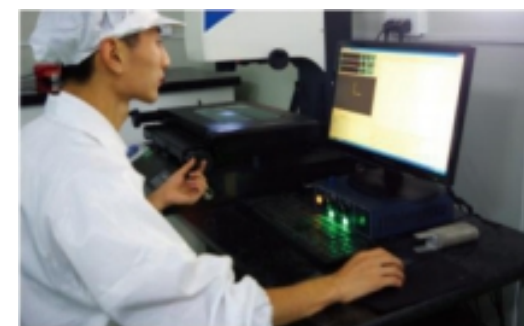


PACKING | 打标+包装



INJECTION MOLDING WORKSHOP | 实验室

DMAF





THANKS!

谢谢