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KUS集团
东莞正扬电子机械有限公司(总部)
KUS Group
Dongguan ZhengYang Elec. & Mech. Ltd. (HQ)
KUSAUTO Europe B.V.

KUS USA, Inc

KUSAUTO India Private Limited



通过TüV PED+2000, IATF 16949和ISO14001等国际认证。
Received TüV PED+2000, IATF 16949 and ISO14001 international certificate.



KUS

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KUS

东莞正扬电子机械有限公司

Dongguan Zhengyang Electronic Mechanical Ltd.

Genset Parts Catalogue



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公司简介 >>

COMPANY PROFILE

KUS集团是一家集研发、生产、销售、服务为一体的全球最大的传感器供应商，现有员工近4000人，拥有10个分公司和3个研发中心，拥有强大的研发团队及先进的实验室、智能工厂。公司现已通过IATF 16949、ISO 14001、ISO 9001等质量管理体系认证，拥有先进的生产设备和完善的产品检测手段，为产品的品质及性能提供了可靠的保障。

主要产品:

液位，压力，温度等发动机系列传感器，尿素传感器，尿素箱；
Sea K，Sea V，Sea Q 等系列仪表。

应用领域：KUS的产品广泛应用于发电机组、船艇、道路及非道路车辆、GPS设备，机械设备、工程机械、农业机械等。

KUS服务的客户有：

康明斯、赛瓦特、伊蒙妮莎、威迩徕德、志诚动力、首帆动力等动力设备制造商；
沃尔沃、奔驰、大曼、依维柯、尼桑、雷诺、斯堪尼亚等汽车公司；
Bayliner、SeaRay、Hallberg Rassy、Frischwasser、Moeller等游艇及设备公司。

KUS Group is the world's largest sensor supplier integrating R&D, production, sales and service. It employs nearly 4,000 people, has 10 branches and 3 R&D centers, and has a strong R&D team and advanced laboratory, smart factory. The company has passed the quality management system certifications such as IATF 16949, ISO 14001, ISO 9001, etc. It has advanced production equipment and perfect product testing methods, which provides reliable guarantee for the quality and performance of the products.

Our products:

Tank level sensors, pressure and temperature sensors, engine sensors, urea sensors, urea tanks, etc.
Sea K, Sea V, Sea Q series gauges.

Application field :

KUS products are widely applied on the power generations, marine industries, on-road and off-road vehicles, GPS controller, mechanical facilities, engineering machineries, agriculture machineries etc.

Our major customers are:

Cummins, SWT, Powerlink, Himoina, Zings, MPMC etc. power genset manufacturers.
Volvo, Mercedes-Benz, Iveco, MAN, Nissan, Renault, Scania etc. vehicle companies.
Bayliner, SeaRay, Hallberg Rassy, Moeller etc. yachts and accessories companies.

品质保证 QUALITY ASSURANCE



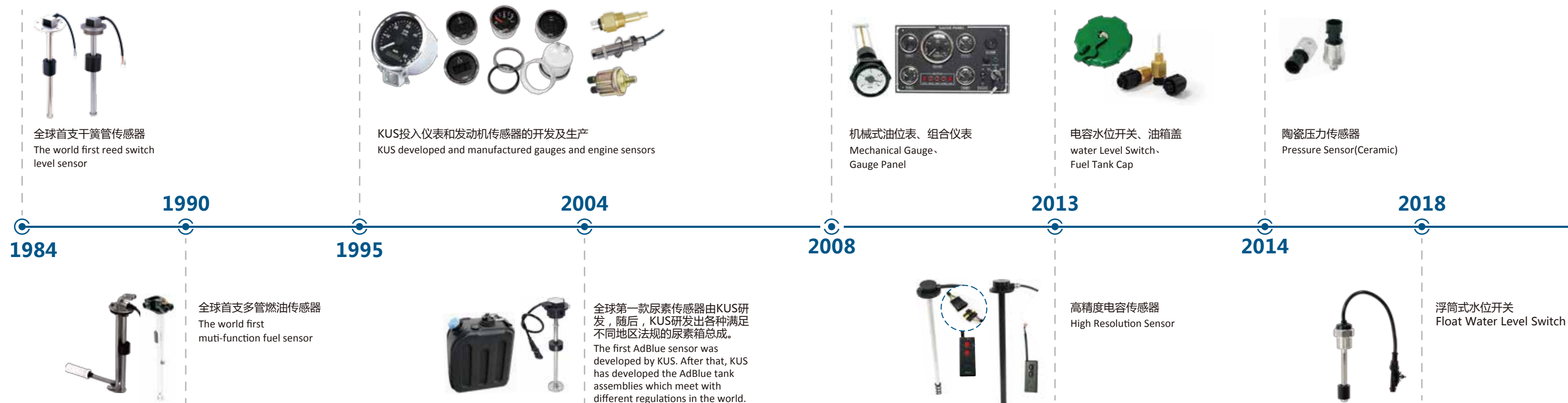
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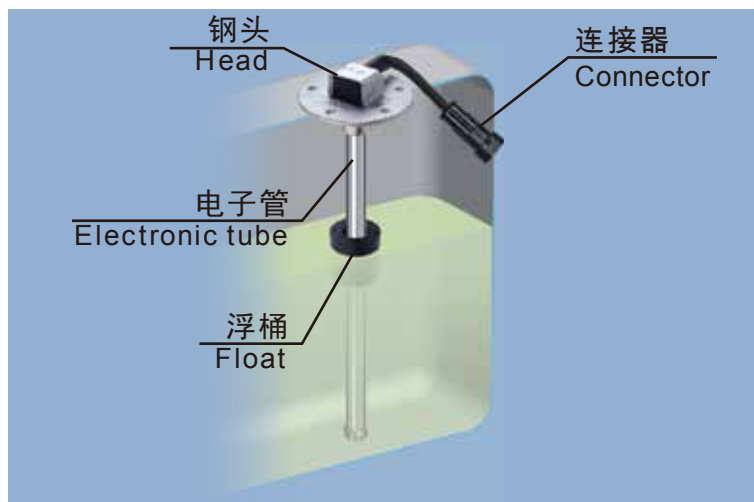
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单管传感器 Single Tube Sensors

专业品质 至尊选择
Premium Quality, Professional Choice.



正扬作为世界上领先的多功能液位传感器制造商，每年全球有数以百万计的传感器在发电机组、游艇、卡车和非道路机械上安装使用。正扬传感器采用位于液位管内的磁簧开关完成液位的测量，整只传感器只有浮桶为移动件，可以最小化的降低机械件失效问题，实现精准的液位测量。

KUS is the world's leading supplier of multipurpose level sensors. Every year more than a million KUS sensors are installed in gensets, boats, trucks and off-road equipments all over the world. Measurements are done by series of reed switches positioned inside the level tube. The float is the only moving part of the sensor, thereby minimizes potential mechanical failures. These features contribute to the sensor's precise level measurements.



S5、S3和PS5系列广泛应用于各类油箱、水箱以及化学药剂箱等。结构简单，从4英寸开始，每隔半英寸均有一款标准长度供您选择。

- * 主体材料：不锈钢 304、塑胶
- * 装配方式：SAE标准五孔装配或BSP，NPT螺纹装配。

S5、S3、PS5 series are widely used in various fuel, water or chemical tanks. With a simple and reliable structure, starting from 4 inches every half inch will be a standard length.

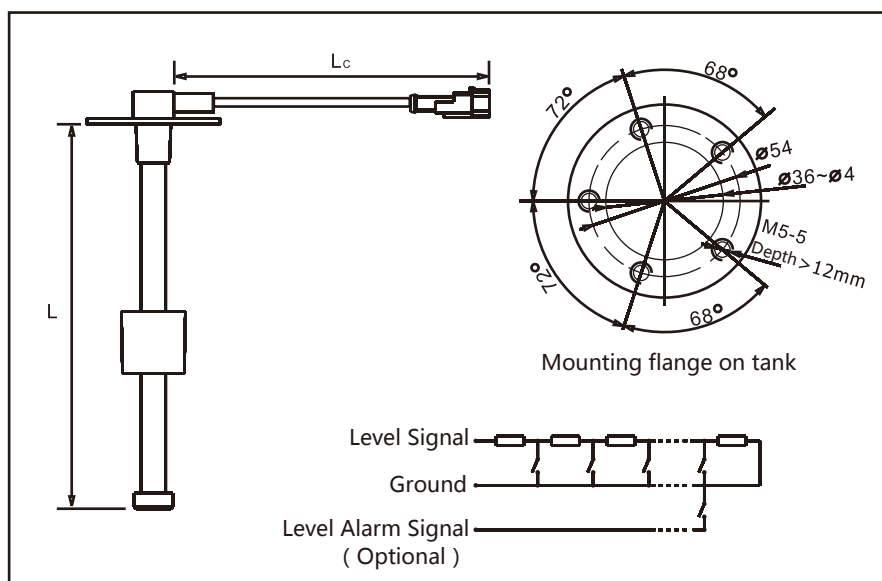
- * Main material : Stainless steel 304 , Plastic.
- * Assembly : SAE standard 5 holes, BSP or NPT thread.





- 主体采用不锈钢316或不锈钢304制作
- 长度范围：100~2000mm，亦可根据客户油箱定制
- 装配方式：SAE标准5孔
- 本产品配有5颗M5
- 螺丝和2mm厚NBR垫片，若在汽油箱上使用，建议选配2mm厚FPM垫片
- 防护等级：IP67
- Material : The main body is made of stainless steel 316 or stainless steel 304.
- Length range : 100 ~ 2000 mm. It also can be customized according to your requirements.
- Mounting : SAE standard 5 holes
- Accessories :
- 5 x M5 screws
- 2 mm thick NBR gasket. If installing on a gas tank, we recommend the optional 2mm thick FPM gasket.
- Protection rank : IP67

- Utilizing magnetic field to control the reed on-off switch, the product features a long service life and protection against vibration.
- Rated power : 125mW
- Rated current for alarm switch : 500mA
- Wire : PVC material (PA corrugated pipe cover is optional)
- Connector : Delphi, Tyco, or others are available according to customer's requirements.
- Output signal :
Resistance control signal, 0~190Ω, 240~33Ω, or customized as required; You can also choose current control signal, 4~20mA or Voltage control signal, 0.5~4.5VDC, 0~5VDC.
- Resolution range : 5.5mm, 10mm, 21mm
- Operating temperature : -40°C ~ +85°C
- 本品采用磁场控制干簧管触点通断的原理，具有寿命长且抗振防爆等特点。
- 额定功率：125mW
- 报警开关额定电流：500mA
- 电线：PVC材质（可选用PA波纹管护套）
- 连接器：可根据要求选用德尔福、泰科等。
- 输出信号：0~190Ω、240~33Ω，或按客户要求定制；亦可提供输出为4~20mA电流信号或0.5~4.5VDC、0~5VDC电压输出信号。
- 精度范围：5.5mm，10mm，21mm
- 工作温度：-40°C ~ +85°C



料号 Art. No.	产品名称 Product Name	备注 Remark
JS60000	S5-E150	KUS 不锈钢304 0-190 Ω 21mm精度 Stainless steel 304 0-190 Ω 21mm resolution
JS60001	S5-E175	
JS60002	S5-E200	
JS60003	S5-E225	
JS60004	S5-E250	
JS60005	S5-E275	
JS60006	S5-E300	
JS60007	S5-E350	
JS60008	S5-E400	
JS60009	S5-E450	
JS60010	S5-E500	
JS60011	S5-E550	
JS60012	S5-E600	
JS60013	S5-E650	
JS60014	S5-E700	
JS60015	S5-E750	
JS60016	S5-E800	
JS60017	S5-E850	
JS60018	S5-E900	
JS60019	S5-E950	
JS60020	S5-E1000	
JS60021	S5-E1100	
JS60022	S5-E1200	
JS60023	S5-E1300	
JS60024	S5-E1400	
JS60025	S5-E1500	
JS60026	S5-E1600	
JS64874	S5-E300	KUS 不锈钢304 0-190 Ω 10mm精度 Stainless steel 304 0-190 Ω 10mm resolution
JS64875	S5-E350	
JS64876	S5-E400	
JS64877	S5-E450	
JS64878	S5-E500	
JS64879	S5-E550	
JS64880	S5-E600	
JS64881	S5-E650	
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料号 Art. No.	产品名称 Product Name	备注 Remark
JS60301	S5-U150	KUS 不锈钢304 240-33 Ω 21mm精度 Stainless steel 304 240-33 Ω 21mm resolution
JS60302	S5-U175	
JS60303	S5-U200	
JS60304	S5-U225	
JS60305	S5-U250	
JS60306	S5-U275	
JS60307	S5-U300	
JS60308	S5-U350	
JS60309	S5-U400	
JS60310	S5-U450	
JS60311	S5-U500	
JS60312	S5-U550	
JS60313	S5-U600	
JS60314	S5-U650	
JS60315	S5-U700	
JS60316	S5-U750	
JS60317	S5-U800	
JS60318	S5-U850	
JS60319	S5-U900	
JS60320	S5-U950	
JS60321	S5-U1000	
JS60322	S5-U1100	
JS60323	S5-U1200	
JS60324	S5-U1300	
JS60325	S5-U1400	
JS60326	S5-U1500	
JS60327	S5-U1600	
JS63563	S5-U300	KUS 不锈钢304 240-33 Ω 10mm精度 Stainless steel 304 240-33 Ω 10mm resolution
JS63564	S5-U350	
JS63565	S5-U400	
JS63566	S5-U450	
JS63567	S5-U500	
JS63568	S5-U550	
JS63569	S5-U600	
JS63570	S5-U650	

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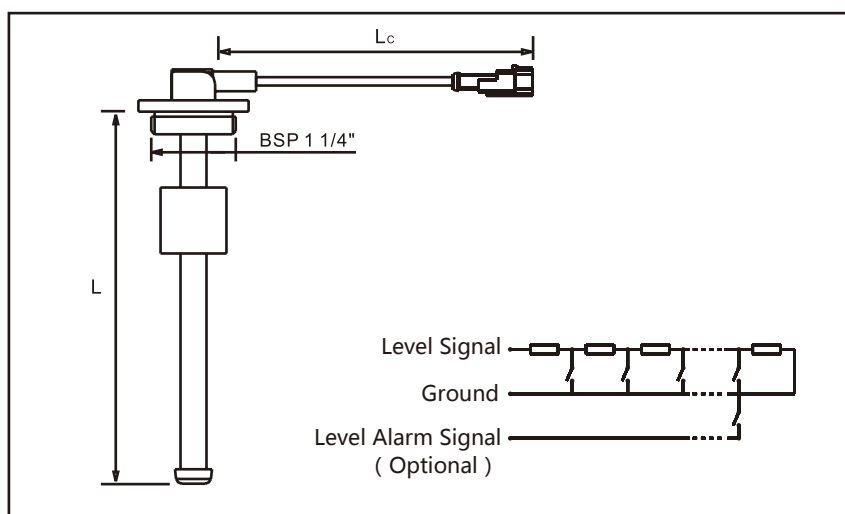
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- 主体采用不锈钢316或不锈钢304制作。
- 长度范围：
100~2000mm，亦可根据客户油箱定制。
- 装配方式：BSP 1 1/4" 螺纹旋入，或NPT螺纹旋入。若有需要，可选用不同类型的法兰与油箱适配。
- 本产品配有38mm×2.6mm O形环，
43mm×3.5mm O形环。
- 防护等级：IP67
- Material : The main body is made of stainless steel 316 or stainless steel 304.
- Length range : 100~2000mm. It also can be customized according to your requirements.
- Assembly : BSP 1 1/4" thread twist-in, or NPT thread twist-in. Various types of flanges are available for fitting fuel tank if necessary.
- Mounting :
-38mm×2.6mm O-ring
-43mm×3.5mm O-ring
- Protection rank : IP67

- Utilizing magnetic field to control the reed on-off switch, the product features a long service life and protection against vibration.
- Rated power : 125mW
- Rated current for alarm switch : 500mA
- Wire : PVC material (PA corrugated pipe cover is optional)
- Connector : Delphi, Tyco, or others are available according to customer's requirements.
- Output signal :
Resistance control signal, 0~190Ω, 240~33Ω, or customized as required; You can also choose current control signal, 4~20mA or Voltage control signal, 0.5~4.5VDC, 0~5VDC.
- Resolution range : 5.5mm, 10mm, 21mm
- Operating temperature : -40°C~+85°C
- 本品采用磁场控制簧管触点通断的原理，具有寿命长且抗振防爆等特点。
- 额定功率：125mW
- 报警开关额定电流：500mA
- 电线：PVC材质（可选用PA波纹管护套）
- 连接器：可根据要求选用德尔福、泰科等。
- 输出信号：0~190Ω、240~33Ω，或按客户要求定制；亦可提供输出为4~20mA电流信号或0.5~4.5VDC、0~5VDC电压输出信号。
- 精度范围：5.5mm，10mm，21mm
- 工作温度：-40°C~+85°C



料号 Art. No.	产品名称 Product Name	备注 Remark
JS61011	S3-E150	KUS 不锈钢304 0-190 Ω 21mm精度 Stainless steel 304 0-190 Ω 21mm resolution
JS61012	S3-E175	
JS61001	S3-E200	
JS61013	S3-E225	
JS61002	S3-E250	
JS61014	S3-E275	
JS61003	S3-E300	
JS61004	S3-E350	
JS61005	S3-E400	
JS61015	S3-E450	
JS61006	S3-E500	
JS61016	S3-E550	
JS61007	S3-E600	
JS61017	S3-E650	
JS61008	S3-E700	
JS61018	S3-E750	
JS61009	S3-E800	
JS61019	S3-E850	
JS61010	S3-E900	
JS61020	S3-E950	
JS61021	S3-E1000	
JS61022	S3-E1100	
JS61023	S3-E1200	
JS61024	S3-E1300	
JS61025	S3-E1400	
JS61026	S3-E1500	
JS61027	S3-E1600	
JS61250	S3-E300	KUS 不锈钢304 0-190 Ω 10mm精度 Stainless steel 304 0-190 Ω 10mm resolution
JS61251	S3-E350	
JS61252	S3-E400	
JS61253	S3-E450	
JS61254	S3-E500	
JS61255	S3-E550	
JS61256	S3-E600	
JS61257	S3-E650	
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料号 Art. No.	产品名称 Product Name	备注 Remark
JS61301	S3-U150	KUS 不锈钢304 240-33 Ω 21mm精度 Stainless steel 304 240-33 Ω 21mm resolution
JS61302	S3-U175	
JS61303	S3-U200	
JS61304	S3-U225	
JS61305	S3-U250	
JS61306	S3-U275	
JS61307	S3-U300	
JS61308	S3-U350	
JS61309	S3-U400	
JS61310	S3-U450	
JS61311	S3-U500	
JS61312	S3-U550	
JS61313	S3-U600	
JS61314	S3-U650	
JS61315	S3-U700	
JS61316	S3-U750	
JS61317	S3-U800	
JS61318	S3-U850	
JS61319	S3-U900	
JS61320	S3-U950	
JS61321	S3-U1000	
JS61322	S3-U1100	
JS61323	S3-U1200	
JS61324	S3-U1300	
JS61325	S3-U1400	
JS61326	S3-U1500	
JS61327	S3-U1600	
JS61416	S3-U300	KUS 不锈钢304 240-33 Ω 10mm精度 Stainless steel 304 240-33 Ω 10mm resolution
JS61417	S3-U350	
JS61418	S3-U400	
JS61419	S3-U450	
JS61420	S3-U500	
JS61421	S3-U550	
JS61422	S3-U600	
JS61423	S3-U650	

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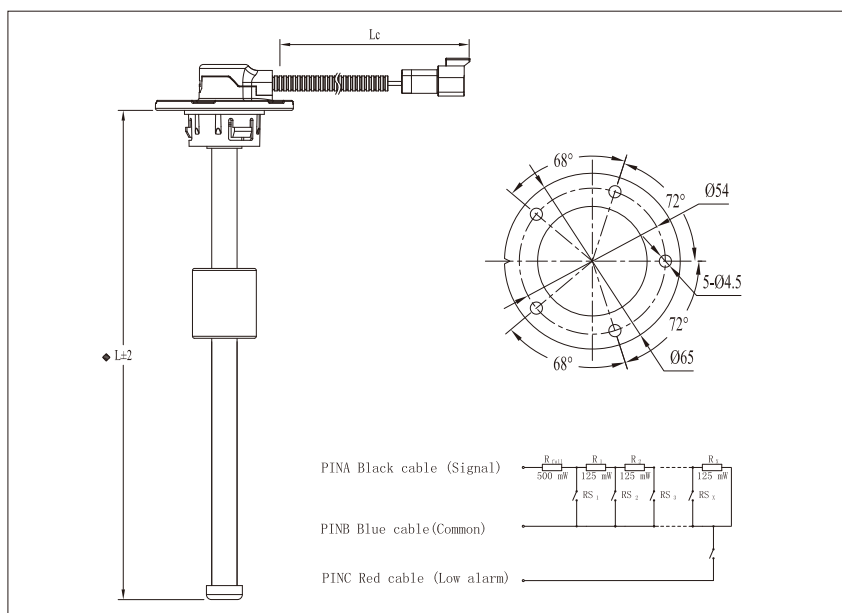
* 详细信息，请与我司联系！ Please contact us for more details.



- 主体采用塑料制作
- 长度范围：150-1200mm,亦可根据客户油箱定制。
- 装配方式：SAE标准5孔
- 本产品配有5颗M5螺丝和2mm厚NBR垫片，若在汽油箱上使用，建议选配2mm厚FPM垫片
- 防护等级：IP65
- Material : The main body is made of Plastic.
- Length range : 150-1200mm,it also can be customized as per tank size;
- Mounting : SAE standard 5 holes
- Accessories :
-5 x M5 screws
-2 mm thick NBR gasket. If installing on a gas tank, we recommend the optional 2mm thick FPM gasket.
- Protection rank : IP65

- Utilizing magnetic field to control the reed on- off switch, the product features a long service life and protection against vibration.
- Rated power : 125mW
- Rated current for alarm switch : 300mA
- Connector : AMP, DT04, or others are available according to customer's requirements.
- Output signal : Resistance control signal, 0~190Ω , 240~33Ω, or customized as required; You can also choose current control signal, 4~20mA or Voltage control signal, 0.5~4.5VDC, 0~5VDC.
- Resolution range : 10mm , 21mm
- Operating temperature : -40°C ~+85°C

- 本品采用磁场控制簧管触点通断的原理，具有寿命长且抗振防爆等特点。
- 额定功率：125mW
- 报警开关额定电流：300mA
- 连接器：可根据要求选用AMP，DT04等。
- 输出信号：
0~190Ω、240~33Ω，或按客户要求定制；亦可提供输出为4~20mA电流信号或0.5~4.5VDC、0~5VDC电压输出信号。
- 精度范围：10mm，21mm
- 工作温度：-40°C~+85°C



料号 Art. No.	产品名称 Product Name	备注 Remark
-	PS5-E200	KUS 塑胶 0-190 Ω 21mm精度 Plastic 0-190 Ω 21mm resolution
-	PS5-E250	
-	PS5-E300	
-	PS5-E350	
-	PS5-E400	
-	PS5-E450	
-	PS5-E500	
-	PS5-E550	
-	PS5-E600	
-	PS5-E650	
-	PS5-E700	
-	PS5-E750	
-	PS5-E800	
-	PS5-E850	
-	PS5-E900	
-	PS5-E950	
-	PS5-E1000	
-	PS5-E150	KUS 塑胶 0-190 Ω 10mm精度 Plastic 0-190 Ω 10mm resolution
-	PS5-E200	
-	PS5-E250	
-	PS5-E300	
-	PS5-E350	
-	PS5-E400	
-	PS5-E450	
-	PS5-E500	

料号 Art. No.	产品名称 Product Name	备注 Remark
-	PS5-U200	KUS 塑胶 240-33 Ω 21mm精度 Plastic 240-33 Ω 21mm resolution
-	PS5-U250	
-	PS5-U300	
-	PS5-U350	
-	PS5-U400	
-	PS5-U450	
-	PS5-U500	
-	PS5-U550	
-	PS5-U600	
-	PS5-U650	
-	PS5-U700	
-	PS5-U750	
-	PS5-U800	
-	PS5-U850	
-	PS5-U900	
-	PS5-U950	
-	PS5-U1000	
-	PS5-U150	KUS 塑胶 240-33 Ω 10mm精度 Plastic 240-33 Ω 10mm resolution
-	PS5-U200	
-	PS5-U250	
-	PS5-U300	
-	PS5-U350	
-	PS5-U400	
-	PS5-U450	
-	PS5-U500	

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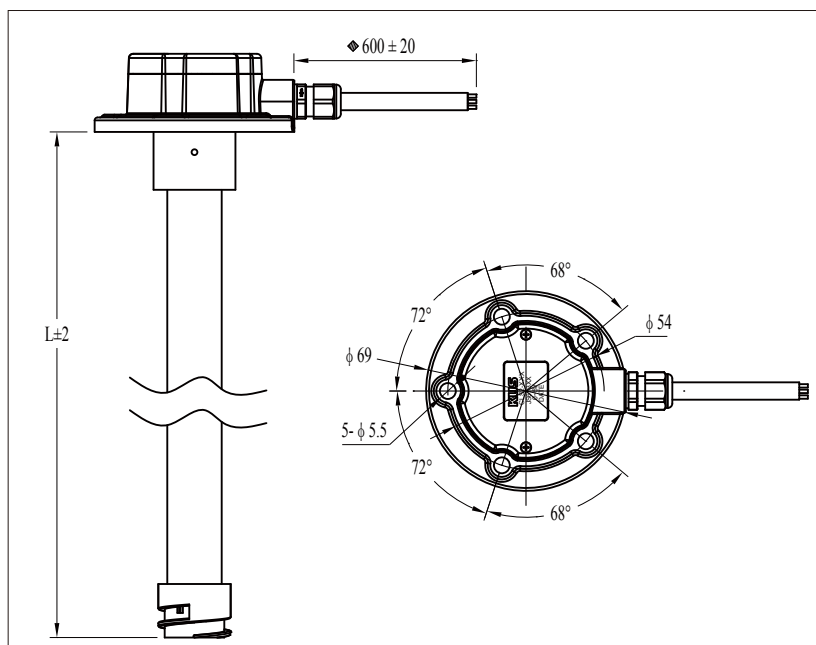
高精度电容油位传感器

High Resolution Capacitance Level Sensors



- CLS系列电容油位传感器是以燃油的上升或降低引起电容量的变化，来连续检测油位的水平高度；产品具有稳定性强、使用寿命长的特性；
- 传感器长度：200~1000mm;用户可根据箱体高度自行截短，外置标定器可以很方便调整参数；
- 装配方式：SAE标准5孔，其它的装配方式；
- 本产品配有5颗M5螺丝和2mm厚NBR垫片，若在汽油箱上使用，建议选配2mm厚FPM垫片；
- 防护等级：IP65
- The capacitance level sensor, CLS, is used to continuously detect fuel level by measuring the capacitance variations as the level changes.
- CLS can be easily shortened to fit different tank depths in the field, and the parameters can be conveniently calibrated with an external calibrator;
- Assembly: SAE 5-bolt flange mount, other assembly methods are available;
- Accessories: 5 x M5 screws and 2mm thick NBR gasket. If installing on a gas tank, we recommend the optional 2mm thick FPM gasket.
- Protection rank : IP65

- 用于柴油、汽油、煤油液位探测；
- 供电电压：10~32V或5V；
- 信号输出：0~5V，RS232，RS485，并可定制；
- 分辨率≤1mm；
- 工作温度：-40 ~ +85℃
- For diesel, gasoline, and kerosene level detection;
- Supply voltage : 10~32V or 5V;
- Signal output : 0~5V, RS232, RS485, can be customized;
- Resolution ≤1mm;
- Operational temperature : - 40 ~ +85°C.



料号 Art. No.	规格 Spec.	长度 L(mm)	对接连接器 Butting Connector	输出信号 Output Signal	电线长度 Length Of Wire(Lc)	材质 Material	备注 Remark
JS67315	CLS2-600	600	连接器 (选配) Connector (Optional)	0~5V	600	铝合金	请根据需求选配校准器JS23110.
JS67316	CLS2-700	700					Please choose the JS23110
JS67319	CLS2-1000	1000					calibrator according to actual needs.
* 可根据客户要求定制！		* Can be customized according to your requirement.					

* 详细信息，请与我司联系！ Please contact us for more details.

TN传感器系列

TN Sensor Series

专业品质 至尊选择
Premium Quality, Professional Choice.



TN系列燃油传感器主体采用不锈钢材料制作，利用液体浮力和磁感应原理测量液位。产品具有良好的抗腐蚀性能，测量精确，同时具有防翻转漏油的安全功能，广泛应用于发动机、发电机、引擎、动力设备等各个领域。精美的产品设计，优异的产品质量为我们赢得了世界各大发电机厂商的青睐，先后获得康明斯、赛瓦特、伊蒙妮莎、威迓徕德、志诚动力、首帆等等验厂人员的一致好评。

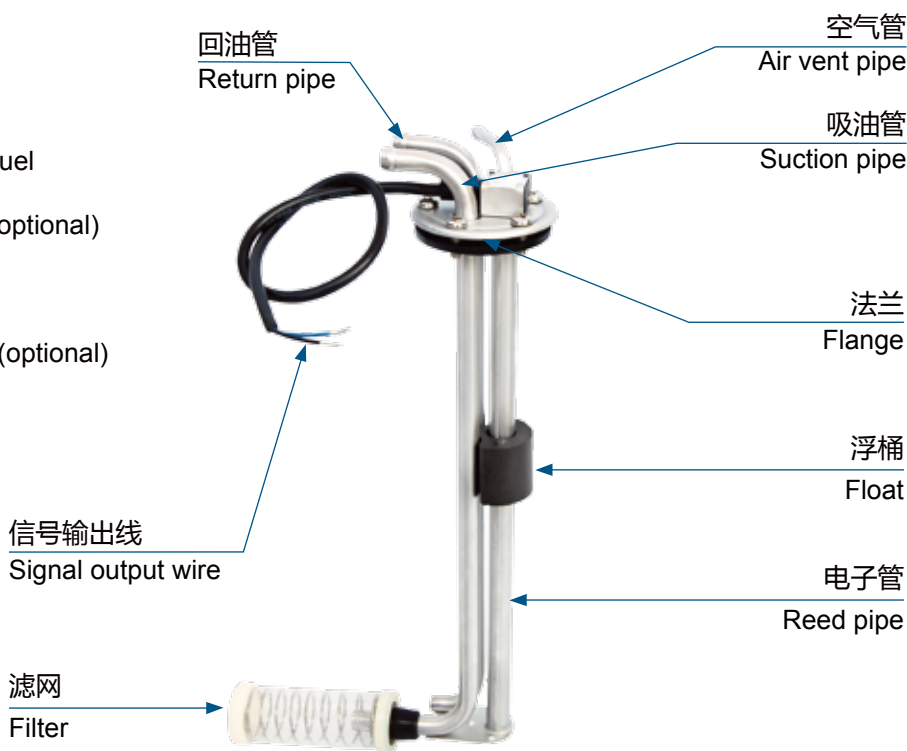
The TN series fuel sensors are made of stainless steels. It uses fluid buoyancy and magnetic induction to measure the liquid level. The sensors provide precise measurements, are corrosion-resistant, and are leak-proof when turned over. These features allow the sensors to be widely used in generator, genset, engines, power machinery fields. The graceful designs and superior quality of the sensors has received approvals and numerous acclaims from famous gensets OEMs from around the world.

TN系列产品可根据油箱的实际形状来完成油箱油量的测量，传感器的测量由位于液位管中的磁簧开关完成。当入磁的浮桶在电子管上随着液位变化移动时会触发磁簧开关的通断，从而产生一定的欧姆阻抗值，电阻值的输出可以由客户订制。由于整只传感器只有浮桶是移动件，所以可以最小化降低机械失效问题。此外，所有传感器在油箱内部完全绝缘，可有效起到保护作用。

The TN series sensor is a cost effective fuel level sensor designed for smaller trucks. The sensor is designed according to the actual tank shape for exact measurements of the tank content. Measurements are done by series of reed switches positioned inside the level tube. A float, with built-in magnets then triggers the reed relays, generating a potential-free resistance with a ohm value that increases or decreases according to the respective fluid level. Resistance output is fully customizable. The float is the only moving part of the sensor, thereby minimizing potential mechanical failures. All sensors are fully insulated to protect against voltage inside the tank.

产品功能/FUNCTIONS:

- 油位探测/Level indicator
- 吸油/回油/Suction and return fuel
- 燃油过滤（选配）/Fuel filter (optional)
- 报警（选配）/Alarm (optional)
- 空气管（选配）/Air vent pipe (optional)



TN传感器系列

TN Sensor Series

专业品质 至尊选择
Premium Quality, Professional Choice.

TN系列传感器根据产品的用途、油箱的形状、吸油/回油的连接方式与方向有多种形状，根据各种不同的形状可分成以下几种类别：

TN series sensor have many shapes due to differences in the fitted tank shapes, connection and placements of the suction and return pipes, and the intended purpose of the sensors. The TN series are classify according to their shapes as follows:



FL系列/FL Series

* 适用于扁平类油箱，有效测量距离大。

* It is applicable for flat tanks, due to its wide effective measurement range.



* 详细信息，请与我司联系！ Please contact us for more details.

尿素液位传感器

Urea Level Sensors

专业品质 至尊选择
Premium Quality, Professional Choice.



为减少发动机尾气中有害气体NO_x的排放，目前国际上广泛采用SCR（选择性还原）尾气处理技术。

SCR处理尾气原理是利用尿素水溶液与氮氧化物NO_x进行反应，生成无污染的氮气N₂和水H₂O。

In order to reduce harmful exhaust gas NO_x emissions from diesel engines, the SCR (Selective Catalytic Reduction) exhaust treating technology was widely adopted and integrated in automotive manufacturers all over the world.

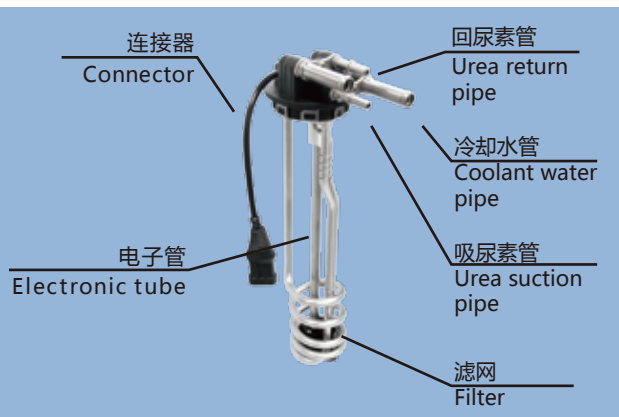
SCR technology is based on the chemical reaction between the AdBlue (urea) liquid and NO_x gas. Their chemical reactions result in N₂ & H₂O which minimizes pollution concerns.

正扬为世界上最大的尿素传感器生产商，我们的产品广泛的应用于世界各地卡车的SCR系统中，为SCR系统的有效运作提供着重要的支持。

正扬尿素传感器可完全按照OEM或尿素箱厂的要求来定制，通常具有以下功能：高低液位测量、冷却水循环加热、温度测量、尿素吸回、尿素过滤等。

KUS is the world's leading manufacturer of urea sensors. Our sensors are widely used in SCR equipped vehicles all over the world. We contribute substantially to the development and application of SCR.

Our urea sensors have the below functions: high and low level indicator, coolant re-cycling for heating, temperature measurement, suction and return of urea solution, and impurities filtration. Additional features and solutions can be customized based on OEM and tank requirements.



KUS产品优势：

- 精确的信号输出
- 可经受严苛的环境考验
- 多种功能于一体
- 经久耐用
- 不同长度可选择
- 不同接头可选择
- 不同形状可定制

Benefits of our sensors:

- Signal output with high precision
- Resistant to environmental variations
- Integrated key features
- Extended operation lifetime
- Selectable length subject to users' application
- Options of different electronics connectors
- Custom design formation optimized for different tank design

多功能系列尿素传感器 Urea sensors with Muti-functions



DTK

DTKS

DTB

单管系列尿素传感器 Urea sensors with single tube



尿素箱 Urea Tanks

专业品质 至尊选择
Premium Quality, Professional Choice.



KUS尿素箱选用高强度工程塑料制成，产品强度高，耐碱性液体腐蚀。
根据车船安装要求，正扬可以提供不同形状，不同容积满足ISO22241标准的尿素箱。

KUS uses high strength engineering plastic materials to produce the urea tanks. All of the products were engineered with the features and characteristics of high impact strength and excellent alkali-resisting performance.

According to different vehicle mounting requirements, we offer different shapes and cubage tanks as options. All the tanks satisfies ISO22241 requirements.



4.23 gollon (16L)



6.6 gollon (25L)



9.25 gollon (35L)



11.9 gollon (45L)



11.9 gollon (45L)



21 gollon (80L)

水位开关

Water Level Switches

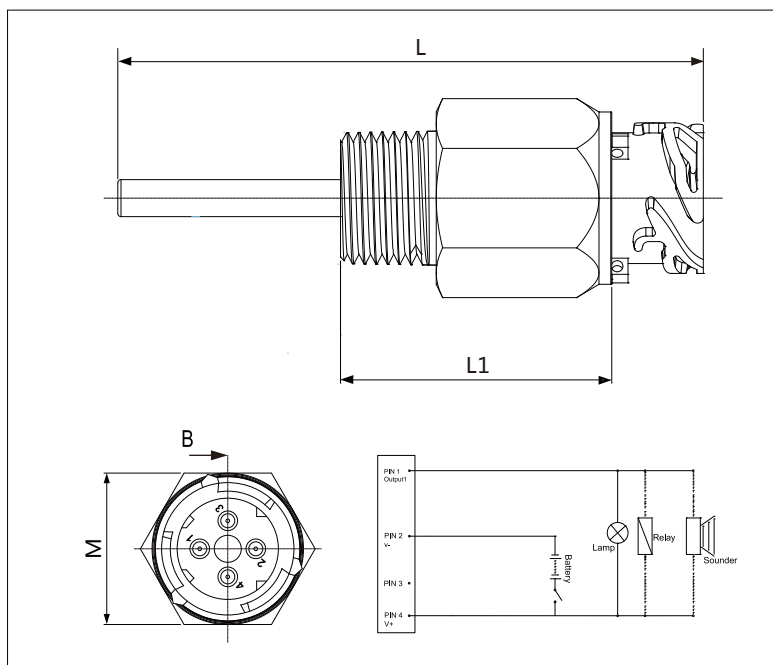
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- 此传感器具有低液位报警功能，当液位低于预设位置时，延时10S后发出报警开关量信号提供给外置设备；
- 延时报警是为了防止液面晃动而导致误报警，报警持续时间0-25S(出厂设置)。
- Low liquid level alarming function: when the liquid level is lower than the preset level, alarm signal of the switching value will be sent to the external device with 10S delay.
- Delayed alarming is to avoid false alarm caused by unstable liquid level, the alarm lasts for 0-25S (Default setting).

- 工作电压范围：10-32VDC;
- 工作电流：≤1.5mA;
- 负载电流：≤1A;
- 信号输出：液位低于探针，开关导通（开关量）；
- 工作温度：-40℃~+125℃;
- 存储温度：-40℃~+140℃;
- 产品适用范围：发电机、发动机的水箱或冷却水箱。

- Working voltage: 10-32VDC;
- Working current: ≤1.5mA;
- Load current: ≤1A;
- Signal output: liquid level is lower than the detecting pin, switch breakover (switching value);
- Working temperature: -40℃~+125℃;
- Storing temperature: -40℃~+140℃;
- Can be applied in : water tank, coolant water tank of generators and engines.



料号 Art. No.	总长 L(mm)	长度1 L1(mm)	螺纹 Thread	M	信号输出方式 Output Signal type	输出信号 Output Signal	外观 Appearance
JZM5250	92	42.5	M12×1	SW27	单路信号 single line signal	开关量信号 switching signal	铜 Cu
JZM5240	92	42.5	M14×1.5	SW27			
JZM5230	92	42.5	1/2" BSP	SW27			
JZM5220	92	42.5	1/2" BSPT	SW27			
JZM5210	92	42.5	1/4" NPT	SW27			
JZM5260	92	42.5	1/2"-14NPT	SW27			
JZM4810	92	42.5	3/8"-18NPT	SW27			

* 详细信息，请与我司联系！ Please contact us for more details.

机械式压力传感器

Pressure Sensor(Mechanical)

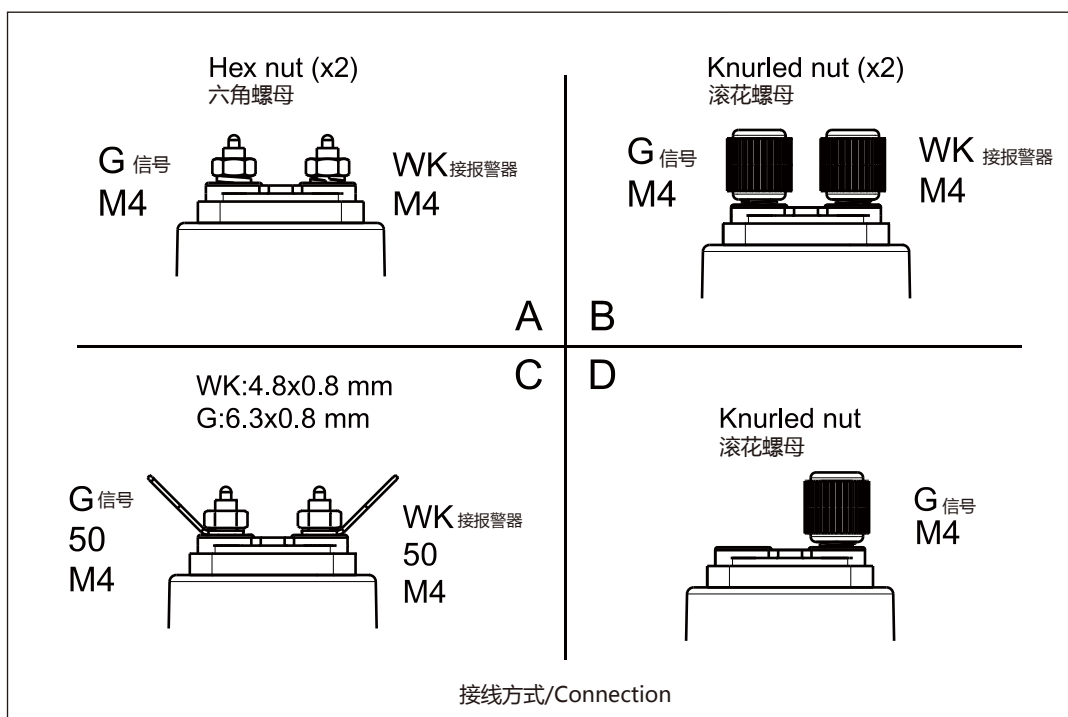
专业品质 至尊选择
Premium Quality, Professional Choice.



- 产品具有良好的抗振性能, 使用寿命长, 安装方便, 质量稳定, 性能可靠, 工作温度范围宽。
- 产品广泛应用于汽车、船体动力管路、水处理工程、工业过程检测与控制、液压气动控制工程等多个领域。
- 防护等级: IP66
- It combines the advantages of excellent anti-vibration performance, long service life, simple assembly process, stable quality, wide range of operating temperature, etc.
- It is largely applied to many fields, such as the engine pipe of vehicles and ships, water processing projects, inspection and control of industrial processes, hydraulic and pneumatic control projects, etc.
- Protection rank: IP66

- 工作电压: 6~24V
- 导通功率: <5W
- 工作温度: -25 ~ 120°C(120°C MAX 1H)
- 量程: 0~5Bar、0~10Bar
- 报警: 0.8Bar、1.4Bar
- 输出信号: 标准阻值10-184Ω
- 螺纹接口: NPT1/4、NPT1/8、M10、M10X1或根据客户需要制定。

- Operating voltage: 6~24V
- Conducting power: <5W
- Operating temperature: -25 ~ 120°C(120°C MAX 1H)
- Measuring range: 0~5Bar or 0~10Bar
- Alarm: 0.8Bar or 1.4Bar
- Output signal: Standard resistance value: 10~184Ω
- Thread fitting: NPT1/4、NPT1/8、M10、M10X1 or customized as requires.



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机械式压力传感器

Pressure Sensor(Mechanical)

专业品质 至尊选择
Premium Quality, Professional Choice.

料号 Art. No.	螺纹 Thread	量程 Measuring Range(Bar)	报警 Alarm(Bar)	接线方式 Connection	外观 Appearance
KE21104	NPT1/8	0-5	0.8±0.2	B	镀彩锌/ Color zinc plated
KE21010	NPT1/8	0-5	-		
KE21112	NPT1/4	0-5	0.8±0.2		
KE21121	M10*1	0-5	1.4±0.2		
KE21134	R1/8	0-5	0.8±0.2		
KE21103	NPT1/8	0-10	0.8±0.2		
KE21107	M10*1	0-10	1.4±0.2		
KE21122	M10*1 with NPT1/8 adapter	0-10	1.4±0.2		
KE21108	M10*1	0-10	0.8±0.2		
KE21111	NPT1/4	0-10	0.8±0.2		
KE21119	NPT1/4	0-10	0.5±0.2		
KE21006	NPT 1/8-28	0-10	-		
KE21113	NPT1/4	0-10	1.4±0.2		
KE21114	NPT1/4	0-10	4.0±0.2		
KE21115	M10*1	0-10	2.0±0.2		
KE21116	M10*1	0-10	0.9±0.15		
KE21123	M14*1.5	0-10	0.8±0.2		
KE21126	R1/8	0-10	0.4±0.2		
KE21127	R1/8	0-10	4.5±0.3		
KE21133	R1/8	0-10	0.8±0.2		
KE21135	NPT 1/4	0-10	0.8±0.2		
KE21141	NPT 1/8	0-10	1.4±0.2		
KE21144	NPT 3/8	0-10	3.5±0.2		
KE21150	M10*1	0-10	1.8±0.2		
KE21151	NPT 1/8	0-10	1.03±0.2		
KE21153	R 1/4	0-10	1.4±0.2		
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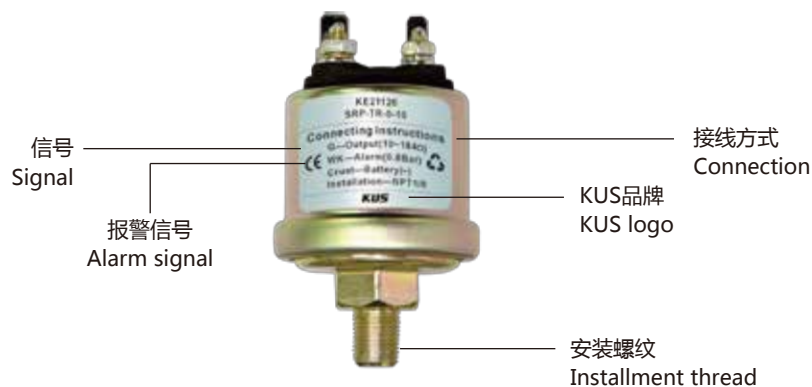
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机械式压力传感器

Pressure Sensor(Mechanical)

专业品质 至尊选择
Premium Quality, Professional Choice.

料号 Art. No.	螺纹 Thread	量程 Measuring Range(Bar)	报警 Alarm(Bar)	接线方式 Connection	外观 Appearance
KE21102	NPT1/8	0-5	0.8±0.2	A	镀彩锌/ Color zinc plated
KE21013	NPT1/8	0-5	-		
KE21100	NPT1/8	0-10	0.8±0.2		
KE21012	NPT1/8	0-10	-		
KE21101	NPT1/4	0-10	0.8±0.2		
KE21047	NPT1/4	0-10	1.4±0.3		
KE21014	NPT1/4	0-10	-		
KE21015	UNF 3/8	0-10	-		
KE21109	M10*1	0-10	1.4±0.2		
KE21009	M10*1	0-10	-		
KE21140	M18x1.5	0-5	0.8±0.2		
KE21145	NPT 1/8	0-10	0.8±0.2	C	
KE21139	NPT 1/8	0-10	1.25±0.3		
KE21005	NPT1/8	0-5	-	D	
KE21152	BSP-1/8	0-10	-		
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陶瓷压力传感器

Pressure Sensor(Ceramic)

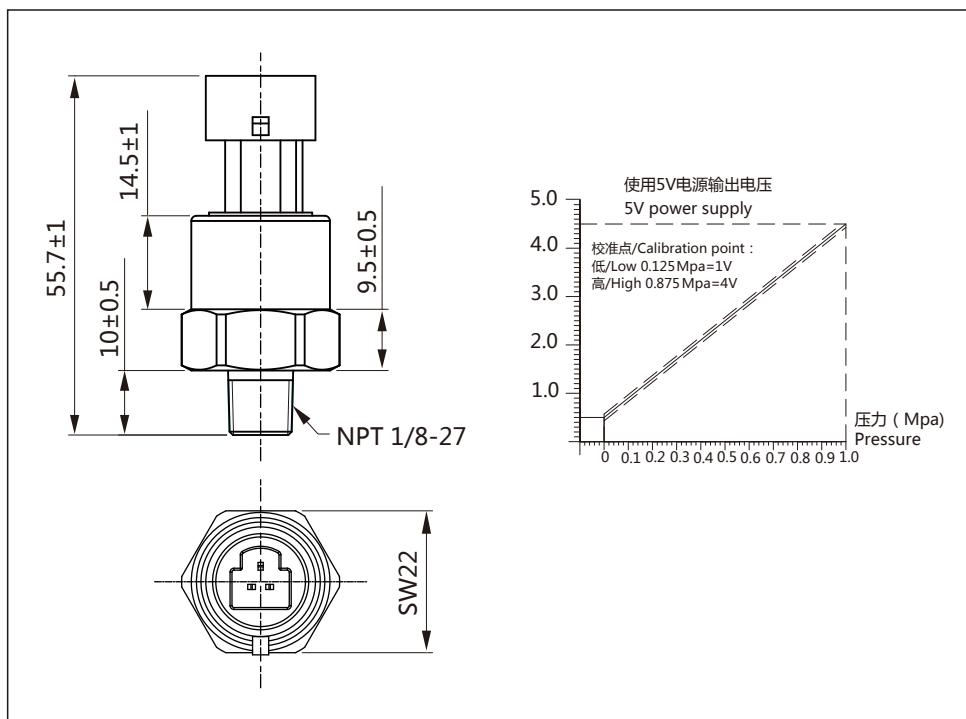
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Premium Quality, Professional Choice.



- 卓越的抗振动、抗冲击性能，长期工作稳定性
- 宽范围温度补偿，温漂系数小
- 多接口方式，更方便安装
- 广泛应用于汽车、工业自动化设备配套及石油、化工、制冷系统、天然气生产、废水处理等过程控制领域。
- Excellent anti-vibration & anti-impact performance, long-term (working) stability
- A wide range of temperature compensation, and a small thermal effect.
- Multi-interface modes, easy to installation.
- Widely used on automobiles, industrial automation equipment sets and in the process control field, such as petroleum, chemical, cooling system, natural gas production, sewage treatment.

- 工作电压：5V
- 输出：0.5-4.5V
- 工作温度：-40 ~ 125°
- 综合精度：1%
- 线性、迟滞、重复性：1 %
- 量程：0-5bar、0-10bar
- 内部温度补偿
- 响应时间：< 1ms

- Working voltage : 5V
- Output : 0.5-4.5V
- Working temperature : -40 ~ 125°
- General accuracy : 1%
- Linearity, hysteresis, repeatability : 1 %
- Range : 0-5bar,0-10bar
- Internal temperature compensation
- Response time : < 1ms



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陶瓷压力传感器

Pressure Sensor(Ceramic)

专业品质 至尊选择
Premium Quality, Professional Choice.

料号 Art. No.	压力量程(Bar) Measuring Range	输出 Output Signal	报警位置(MPa) Alarm	螺牙规格 Thread Spec	品牌 Logo	工作电压(V) Working Voltage	外壳 Shell Material
KE25000	0-5	0.5 ~ 4.5V	NONE	NPT 1/8	KUS	5	SS304
KE25016				NPT 1/4			
KE25017				NPT3/8			
KE25018				NPT1/2			
KE25019				R 1/8			
KE25020				R 3/8			
KE25021				5/8-18 UNF			
KE25022				M10*1			
KE25023				M12*1.25			
KE25024				M14*1.5			
KE25025				M16*1.5			
KE25026				M18*1.5			
KE25041	0-10	0.5 ~ 4.5V	NONE	NPT 1/8	KUS	5	SS304
KE25027				NPT 1/4			
KE25028				NPT3/8			
KE25029				NPT1/2			
KE25030				R 1/8			
KE25031				R 3/8			
KE25032				5/8-18 UNF			
KE25033				M10*1			
KE25034				M12*1.25			
KE25035				M14*1.5			
KE25036				M16*1.5			
KE25037				M18*1.5			
* 以上产品均为 “KUS” logo , 可客制。 * All the products are with “KUS” logo, can be customized.							

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温度传感器 Temperature Sensors

专业品质 至尊选择
Premium Quality, Professional Choice.

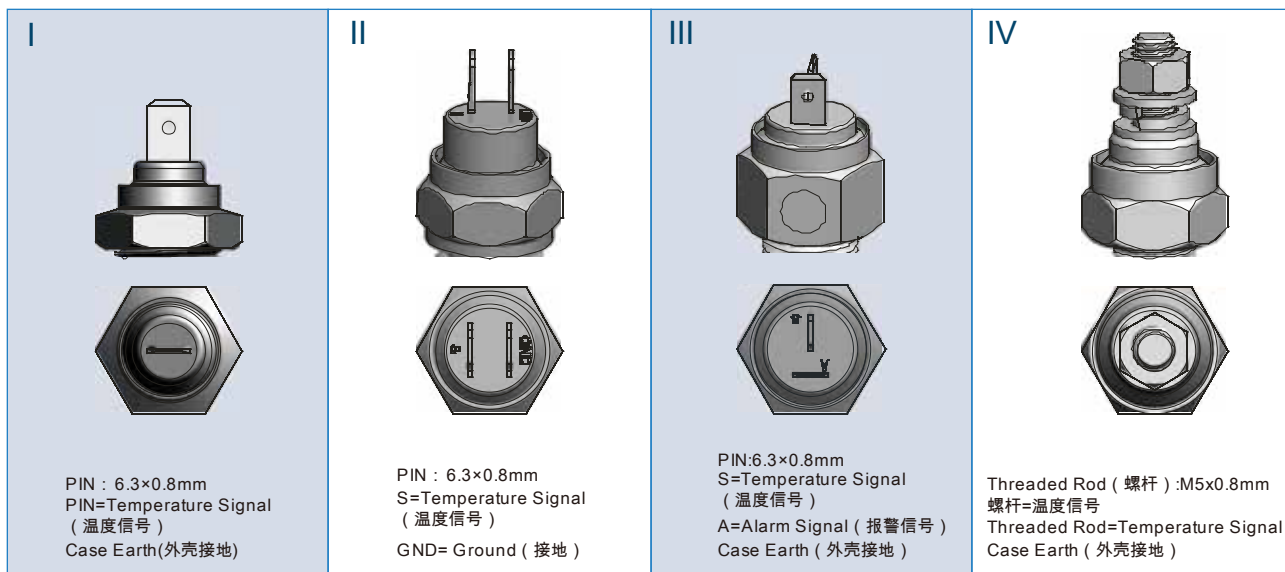
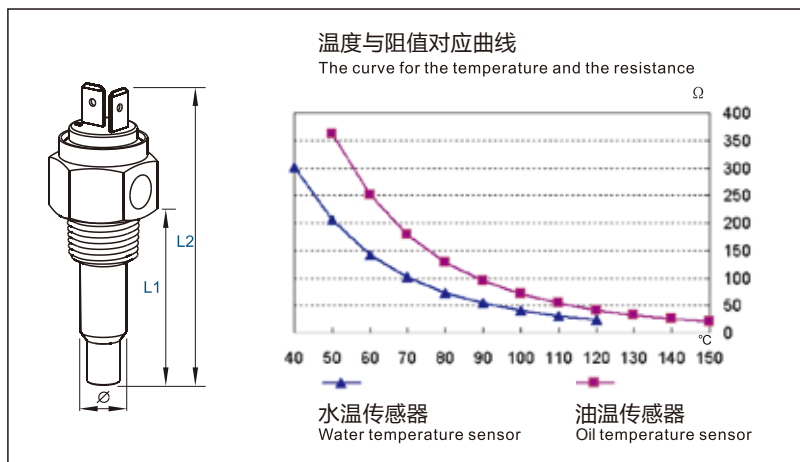


- 主体采用黄铜材料制作
- 报警开关采用双金属片材料
- 防护等级：IP67

- The main body is made of brass.
- Sensors with alarm features has double metal plate connectors.
- Protection rank : IP67

- 额定电压：6V~24V
- 温度反应时间：通电之后至少3分钟
- 报警开关触点额定功率：1.2W~3W
- 温度报警点公差：±3°C
- 报警接触类型：开关随着温度上升而闭合。

- Rated voltage : 6V~24V
- Temperature response time : Minimum 3 minutes after power supply electrified.
- Rated power for alarm switch : 1.2W~3W
- The temperature alarm tolerance : ±3°C
- Type of alarm touch :
The switch turns off when the temperature rises.



* 详细信息，请与我司联系！ Please contact us for more details.

水温传感器

Water Temperature Sensor

料号 Art. No.	产品名称 Product Name	最高温度 Temperature Max(℃)	报警温度 Alarm Temperature(℃)	螺纹规格 Thread Spec	直径 Ømm	长度1 L1(mm)	长度2 L2(mm)	类型 Type
KE00002	SWN-1	120	——	M14×1.5	7.5	28.5	51	I
KE00003	SWN-1	120	——	M16×1.5	7.5	28.5	51	
KE00005	SWN-1	120	——	1/4"-18NPT	7.5	28.5	51	
KE00006	SWN-1	120	——	1/8"-27NPT	7.5	28.5	51	
KE00007	SWN-1	120	——	3/8"-18NPT	7.5	28.5	51	
KE00009	SWN-1	120	——	5/8"-18UNF	7.5	28.5	51	
KE00025	SWN-1	120	——	1/2"-14BSP	7.5	28.5	51	
KE00017	SWN-2	120	——	M16×1.5	13	28.5	58.7	II
KE00021	SWN-2	120	——	3/8"-18NPT	13	28.5	58.7	
KE00018	SWN-2	120	——	M18×1.5	13	28.5	58.7	
KE00022	SWN-2	120	——	5/8"-18UNF	13	28.5	58.7	
KE00016	SWN-2	120	——	M14×1.5	13	28.5	58.7	
KE00020	SWN-2	120	——	1/2"-14NPT	13	28.5	58.7	
KE00100	SWA-3	120	95	M14×1.0	10.7	41	71.5	III
KE00102	SWA-3	120	95	M14×1.5	10.7	41	71.5	
KE00108	SWA-3	120	95	1/2"-14NPT	10.7	41	71.5	
KE00121	SWA-3	120	98	M16×1.5	10.7	41	71.5	
KE00122	SWA-3	120	98	M18×1.5	10.7	41	71.5	
KE00105	SWA-3	120	98	3/8"-18NPT	10.7	41	71.5	
KE00133	SWA-3	120	103	5/8"-18UNF	10.7	41	71.5	
KE00135	SWA-3	120	80	M14×1.25	10.7	41	71.5	
KE00170	SWA-3	120	110	1/2"-14NPT	10.7	30	68.5	
KE00010	SWN-1	120	——	1/2"-14NPT	8	30	54	IV
KE00011	SWN-1	120	——	1/8"-27NPT	8	27	51.5	
KE00024	SWN-1	120	——	M10×0.75	8	27	51.5	
KE00012	SWN-1	120	——	1/4"-18NPT	8	27	51.5	
KE00013	SWN-1	120	——	3/8"-18NPT	8	22	46.5	
KE00030	SWN-1	120	——	M10×1.0	8	27	51.5	
KE00039	SWN-1	120	——	M16×1.5	8	22	46.5	
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油温传感器

Oil Temperature Sensor

料号 Art. No.	产品名称 Product Name	最高温度 Temperature Max(°C)	报警温度 Alarm Temperature(°C)	螺纹规格 Thread Spec	长度1 L1(mm)	长度2 L2(mm)	类型 Type
KE01001	SON-1	150	——	M14×1.0	28.5	51	I
KE01000	SON-1	150	——	M14×1.25	28.5	51	
KE01002	SON-1	150	——	M14×1.5	28.5	51	
KE01003	SON-1	150	——	M16×1.5	28.5	51	
KE01004	SON-1	150	——	M18×1.5	28.5	51	
KE01005	SON-1	150	——	1/4"-18NPT	28.5	51	
KE01006	SON-1	150	——	1/8"-27NPT	28.5	51	
KE01007	SON-1	150	——	3/8"-18NPT	28.5	51	
KE01008	SON-1	150	——	1/2"-14NPT	28.5	51	
KE01009	SON-1	150	——	5/8"-18UNF	28.5	51	
KE01017	SON-2	150	——	3/8"-18NPT	28.5	58.7	II
KE01014	SON-2	150	——	M18×1.5	28.5	58.7	
KE01018	SON-2	150	——	5/8"-18UNF	28.5	58.7	
KE01012	SON-2	150	——	M14×1.5	28.5	58.7	
KE01016	SON-2	150	——	1/2"-14NPT	28.5	58.7	
KE01019	SON-2	150	——	R3/8"-19	28.5	58.7	
KE01020	SON-2	150	——	M22×1.5	28.5	58.7	
KE01102	SOA-3	150	120	M14×1.0	41	71.5	III
KE01103	SOA-3	150	120	M14×1.25	41	71.5	
KE01104	SOA-3	150	120	M14×1.5	41	71.5	
KE01105	SOA-3	150	120	M16×1.5	41	71.5	
KE01106	SOA-3	150	120	M18×1.5	41	71.5	
KE01108	SOA-3	150	120	1/2"-14NPT	41	71.5	
KE01101	SOA-3	150	120	3/8"-18NPT	41	71.5	
KE01100	SOA-3	150	120	5/8"-18UNF	41	71.5	
KE01109	SOA-3	150	120	M20×1.5	41	71.5	
KE01110	SOA-3	150	115	1/2"-14NPT	41	71.5	
KE01023	SOA-3	150	105	M12×1.25	41	71.5	
KE01111	SOA-3	150	80	M14×1.5	41	71.5	
KE01112	SOA-3	150	120	1/4"-18NPT	41	71.5	
KE01113	SOA-3	150	120	M22×1.5	30	68.5	
KE01114	SOA-3	150	135	M16×1.5	41	71.5	
KE01115	SOA-3	150	100	M14×1.0	41	71.5	
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转速传感器 Tacho Sensor

专业品质 至尊选择
Premium Quality, Professional Choice.



- 用于齿轮转速测量，信号稳定、工作温度范围宽、体积小、安装方便等优点。
- 测量范围宽，自激励式与霍尔开关式可实现零转速的测量。
- 外壳外形、材质和螺纹接口可根据客户要求制作。
- 防护等级：IP65
- Used for measuring gear rotation speed. Its main advantages include stable signal output, wide range of operational temperature, small size, and simple assembly process.
- It covers a wide range of measurements, including zero rotation speed.
- The shell appearance, material and thread fitting can be customized as requires.
- Protection rank: IP65

霍尔式转速传感器/ Holzer Tacho Sensor

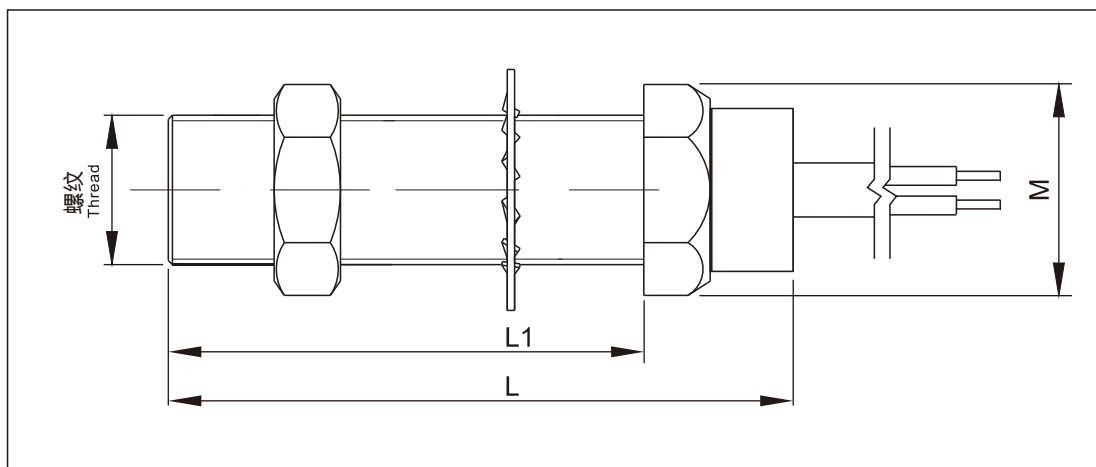
- 工作电压：8~32V带极性保护
- 工作电流：<50mA
- 工作温度：-40~85℃
- 输出信号：方波
- 信号占空比：47±5%
- 感应距离：≤2mm
- 接线方式：三线制或四线制

- Operating voltage : 8~32V with polarity protection
- Operating current : <50mA
- Operating temperature : -40~85℃
- Output signal : Square wave
- Signal duty factor : 47±5%
- Inductance distance : ≤2mm
- Connection method : Three or four wires connection

磁电式转速传感器/ Magnetolectric Tacho Sensor

- 工作温度：-40~85℃
- 输出信号：正弦波
- 感应距离：≤1mm
- 齿轮模数：2~6
- 接线方式：二线制

- Operating temperature : -40~85℃
- Output signal : Sine wave
- Inductance distance : ≤1mm
- Tooth module : 2~6
- Connection method : Two wires connection



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转速传感器 Tacho Sensor

专业品质 至尊选择
Premium Quality, Professional Choice.

料号 Art. No.	长度 L(mm)	长度1 L1(mm)	螺纹 Thread	M	连接器 Connector	频率范围 Frequency Range(Hz)	接线方式 Connection	输出信号 Output Signal
KE10034	90	76	5/8-18UNF	No	No	100-15000	Two wires	Sine Wave
KE10052	100	80	M16x1.5	SW19x9	YES			
KE10010	100	80	M16x1.5	SW19x9	NO			
KE10050	85	70	M16x1.5	SW19x5	NO			
KE10011	69	45	M16x1.5	SW19x9	NO			
KE10049	70	50	M16x1.5	SW19x6	YES			
KE10012	100	80	5/8-18UNF	SW19x9	NO			
KE10039	100	80	5/8-18UNF	SW19x9	YES			
KE10031	70	50	M18x1.5	SW22x10	YES			
KE10038	89	70	M18x1.5	SW22x5	YES			
KE10051	85	70	M18x1.5	SW22x5	NO			
KE10045	70	50	5/8-18UNF	SW22x5	YES			
KE10040	100	80	M18x1.5	SW19x10	YES			
KE10041	80	60	M18x1.5	SW19x10	YES			
KE10042	85	66	3/4-16 UNF	SW22x5	NO			
KE10044	90	70	M18x1.5	SW22x5.8	NO			
KE10046	99	80	3/4-16 UNF	SW22x5	NO			
KE10055	99	80	3/4-16 UNF	SW22x5	YES			
KE10047	60	26	M18x1.5	SW22x8	NO			
KE10048	60	35	M18x1.5	SW22x8	NO			
KE10064	100	80	M20x1.0	SW22x10	NO			
KE10066	99	80	3/4-16 UNF	SW22x5	YES			
KE10068	72	64	M18x1.5	SW22x8	NO			
KE10000	81	60	M18x1.5	SW22x10	NO	0-20000	Three wires	Square Wave
KE10005	68	40	M18x1.5	SW22x10	NO			
KE10004	88	70	M16x1.5	No	NO			
KE10053	88	70	M16x1.5	No	YES			
KE10007	88	60	5/8-18UNF	SW19x10	NO			
KE10054	60	40	M16x1.5	SW19x10	NO			
JUS00003	68	40	M18x1.5	SW22x10	YES			
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类型 Type	产品图片 Product picture	长度范围(mm) Length	主体螺纹 Thread	报警/信号 Alarm/Signal	适用环境 Application
MG		120mm~940mm	M45×2 BSP 1 1/2" M47×1.5 NPT 1 1/2" BSPT 1 1/2"	无/NO	各类发电机、 发动机等的 燃油箱、 水箱上。
MGS		120mm~940mm	M45×2 BSP 1 1/2" BSPT 1 1/2" NPT 1 1/2"	有/YES	
MGC		120mm~1500mm	M45×2 BSP 1 1/2" M47×1.5 NPT 1 1/2" BSPT 1 1/2"	无/NO	
MGCS		120mm~1500mm	M45×2 BSP 1 1/2" NPT 1 1/2" BSPT 1 1/2"	有/YES	
MGE		120mm~1500mm	NPT 1 1/2" NPT 2"	无/NO	
MGES		120mm~1500mm	NPT 1 1/2" NPT 2"	有/YES	
MG5		120mm~600mm	五孔法兰主体 (分度圆Φ54) 5 holes flange (Reference circle Φ54)	无/NO	Fuel tanks of generators and engines, also applies to water tanks.
MGP		100mm~500mm	M57×5(内螺纹) M57*5 (Internal thread)	无/NO	

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机械式仪表 - MG/MGS系列

Mechanical Gauge - MG/MGS Series

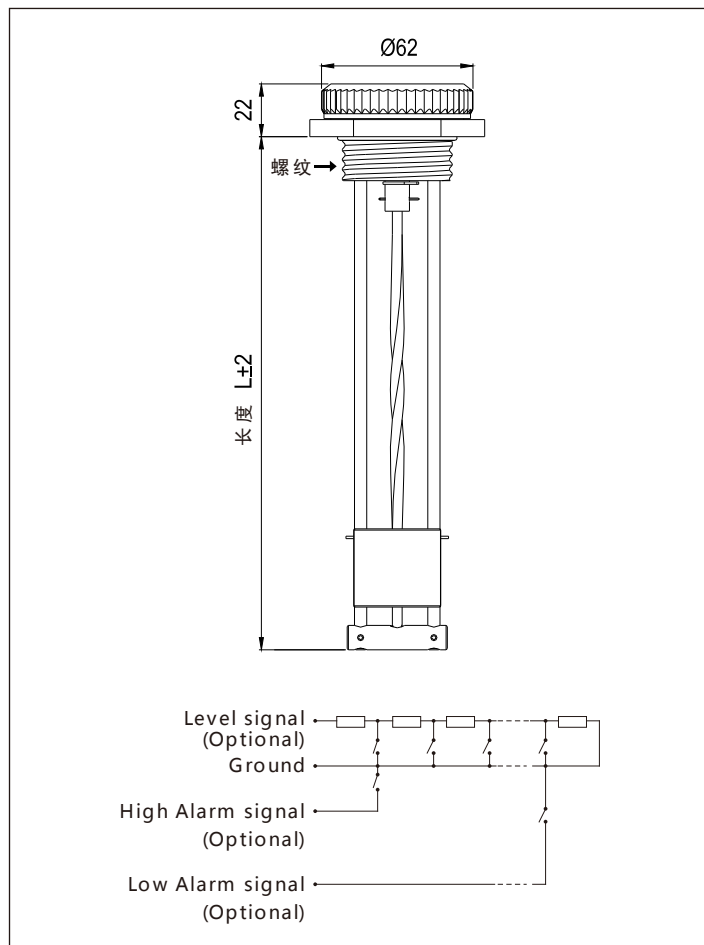
专业品质 至尊选择
Premium Quality, Professional Choice.



- 机械式仪表集液位探测及液位显示于一体,无需电源即可正常工作。可根据客户要求增加高、低位报警功能。
- 此仪表广泛应用于各类发电机、发动机等的燃油箱、水箱上,不建议在车辆上使用。
- The mechanical gauge integrates the function of level measuring and level display without power supply. High and low alarm function can be added to the gauge according to customer requirement.
- This gauge largely applies to fuel tanks of generators and engines. It also applies to water tanks. Not recommended for vehicles.

- 工作温度: $-40\sim+85^{\circ}\text{C}$
- 显示精度: 5%
- 主体材料: 铝合金
- 螺纹接口: M45x2或BSP 1 1/2
- 法兰(选配): 标准六孔, 焊接法兰
- 旋紧扭力矩: 300~400N.m
- 长度范围: 120~940mm
- 报警开关: 选配, 可选择高位或者低位报警, 报警电流小于500mA, 报警点可设在9/10和1/10位置。
- 信号输出(可选择): 输出9个电阻信号, 可定制阻值范围。
- 法兰选配请参考34页说明。

- Operating temperature : $-40\sim85^{\circ}\text{C}$
- Integrated precision : 5%
- Main material : Aluminium alloy
- Threading types : M45x2 or BSP 1 1/2
- Flange (Optional) : Standard 6-hole, welding flange.
- Screwing torque : 300~400N.m
- Length range : 120~940mm
- Alarm switch : Optional high or low level alarm switch can be set at 9/10 or 1/10 level. Alarm current is <500mA. The alarm point can be set at the level of 9/10 and 1/10.
- Signal output (Optional) : The product can output 9 resistance signals, resistance range can be customized.
- Flange's mounting, please refer to page 34.



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机械式仪表 - MG/MGS系列

Mechanical Gauge - MG/MGS Series

专业品质 至尊选择
Premium Quality, Professional Choice.

类 型 Type	料 号 Art. No.	长 度(mm) Length	主 体 螺 纹 Main body thread	报 警 Alarm	法 兰 Flange
MG	JY90926	120	M45*2	无/NO	法兰选配 请参考第34页 Flange's mounting, please refer to page 34
	JY90921	150	M45*2		
	JY90906	200	M45*2		
	JY91071	250	M45*2		
	JY90908	300	M45*2		
	JY91534	350	M45*2		
	JY91132	400	M45*2		
	JY91535	450	M45*2		
	JY91289	500	M45*2		
	JY91536	550	M45*2		
	JY90910	600	M45*2		
	JY91458	650	M45*2		
	JY91288	700	M45*2		
	JMT00195	750	M45*2		
	JMT00125	800	M45*2		
	JY91244	850	M45*2		
	JMT00103	900	M45*2		
	JY91710	940	M45*2		
	JY90924	120	BSP1 1/2		
	JY91137	150	BSP1 1/2		
	JY90964	200	BSP1 1/2		
	JY91138	250	BSP1 1/2		
	JY91023	300	BSP1 1/2		
	JY91537	350	BSP1 1/2		
	JY91139	400	BSP1 1/2		
	JY91538	450	BSP1 1/2		
	JY91067	500	BSP1 1/2		
	JY91140	550	BSP1 1/2		
	JY91072	600	BSP1 1/2		
	JY90989	650	BSP1 1/2		
	JY91141	700	BSP1 1/2		
	JY91412	800	BSP1 1/2		
	JY91584	900	BSP1 1/2		
	JY91251	940	BSP1 1/2		
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机械式仪表 - MG/MGS系列

Mechanical Gauge - MG/MGS Series

专业品质 至尊选择
Premium Quality, Professional Choice.

类 型 Type	料 号 Art. No.	长 度(mm) Length	主 体 螺 纹 Main body thread	报 警 Alarm	法 兰 Flange
MGS	JY91539	120	M45*2	10-180Ω 高低报警	法兰选配 请参照第34页 Flange's mounting, please refer to page 34
	JY91540	150	M45*2		
	JY91330	200	M45*2		
	JY91541	250	M45*2		
	JY91542	300	M45*2		
	JY91543	350	M45*2		
	JY91544	400	M45*2		
	JY91545	450	M45*2		
	JY91338	500	M45*2		
	JY91546	550	M45*2		
	JY91547	600	M45*2		
	JMT00052	120	M45*2	10-190Ω 高低报警	
	JMT00053	150	M45*2		
	JMT00054	200	M45*2		
	JMT00055	250	M45*2		
	JMT00056	300	M45*2		
	JMT00057	350	M45*2		
	JY91349	400	M45*2		
	JY91350	500	M45*2		
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机械式仪表 - MGP系列

Mechanical Gauge - MGP Series

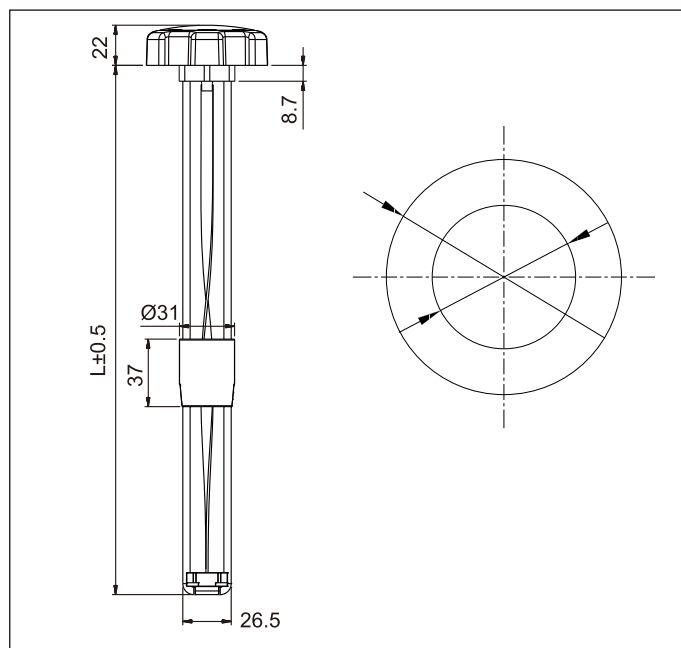
专业品质 至尊选择
Premium Quality, Professional Choice.



- 机械式仪表集液位探测及液位显示于一体,无需电源即可正常工作。
- 此仪表广泛应用于各类发电机、发动机等的燃油箱、水箱上,不建议在车辆上使用。
- The mechanical gauge integrates the function of level measuring and level display level without power supply.
- This gauge largely applies to fuel tanks of generators and engines. It also applies to water tanks. Not recommended for vehicles.

- 工作温度: -40~+85°C
- 显示精度: 5%
- 主体材料: 塑胶
- 螺纹接口: M57x5
- 法兰: 选配
- 旋紧扭矩: 300~400N.m
- 长度范围: 100~500mm

- Operating temperature: -40~85°C
- Integrated precision: 5%
- Main material: Plastic
- Threading types: M57x5
- Flange: Optional
- Screwing torque: 300~400N.m
- Length range: 100~500mm



类型 Type	料号 Art. No.	长度(mm) Length	主体螺纹 Main body thread	报警 Alarm	法兰 Flange
MGP	JY91474	120	M57*5	无/NO	法兰选配 请参照第34页 Flange's mounting, please refer to page 34
	JY91473	150	M57*5		
	JY91455	175	M57*5		
	JMT00010	200	M57*5		
	JMT00011	300	M57*5		
	JY91363	400	M57*5		
	JY91364	500	M57*5		

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机械式仪表 - MG5系列

Mechanical Gauge - MG5 Series

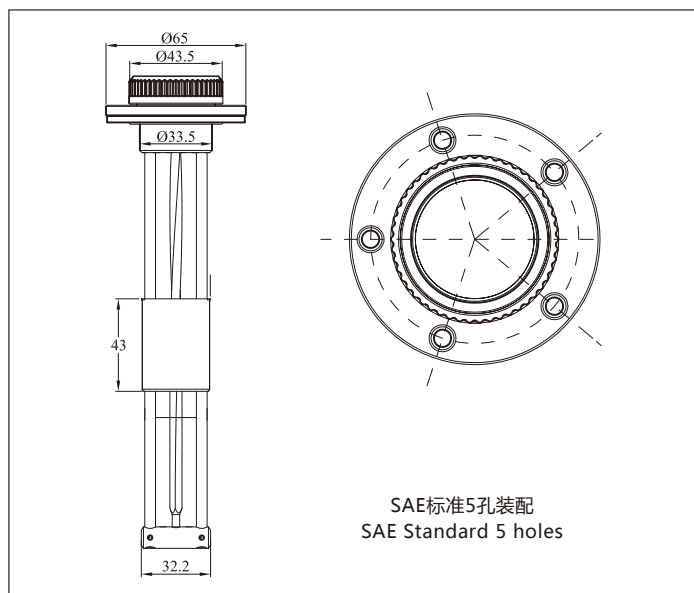
专业品质 至尊选择
Premium Quality, Professional Choice.



- 机械式仪表集液位探测及液位显示于一体,无需电源即可正常工作。
- 此仪表广泛应用于各类发电机、发动机等的燃油箱、水箱上,不建议在车辆上使用。
- The mechanical gauge integrates the function of level measuring and level display level without power supply.
- This gauge largely applies to fuel tanks of generators and engines. It also applies to water tanks. Not recommended for vehicles.

- 工作温度: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$,
- 显示精度: 5%,
- 主体材料: 铝合金,
- 长度范围: 120mm ~ 600mm,
- 安装方式: 五孔法兰安装 (配螺丝及密封垫)
- 新产品优势: 产品外型小巧; 安装方式简单; 仪表盘与箱体内部液体完全隔离。

- Operating temperature: $-40 \sim +85^{\circ}\text{C}$
- Integrated precision: 5%
- Main material: Aluminium alloy
- Length range: 120~600mm
- Assembly: SAE standard 5 holes(Including matched screws and NBR gasket)
- Advantage: Simply installation; The gauge is completely isolated from the inside tank liquid.



类型 Type	料号 Art. No.	长度(mm) Length	报警 Alarm	装配方式 Assembly
MG5	-	120	无/NO	SAE标准5孔装配 SAE Standard 5 holes
	-	150		
	-	175		
	-	200		
	-	300		
	-	400		
	-	500		
	-	600		

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机械式仪表 - MGC/MGCS系列

Mechanical Gauge - MGC/MGCS Series

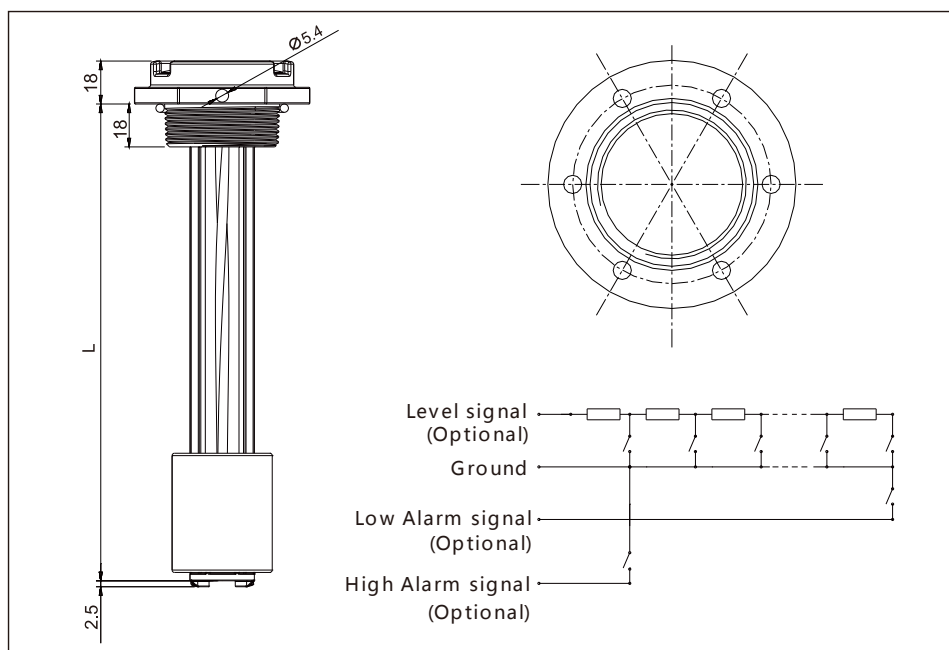
专业品质 至尊选择
Premium Quality, Professional Choice.



- 功能：探测液位，低位报警，高位报警，高低位报警，阻值输出；
- 环境：适用于静态液体中，亦能使用于机车、快艇等动态液体中；
- 装配：螺纹方式紧固（BSPT 1 1/2"、BSP1 1/2"、NPT 1 1/2"、M45x2），可配法兰；
- 长度：120mm~1000mm（预估可制长度）；
- 优点：仪表面为隔离式，半圆套管强度好，能更好承受各种冲击而不变形；

- 机械式仪表集液位探测及液位显示于一体,无需电源即可正常工作。可根据客户要求增加高、低位报警功能。
- 此仪表广泛应用于各类发电机、发动机等的燃油箱、水箱上，不建议在车辆上使用。
- The mechanical gauge integrates the function of level measuring and level display level without power supply. High and low alarm function can be added to the gauge according to customer requirement.
- This gauge largely applies to fuel tanks of generators and engines. It also applies to water tanks. Not recommended for vehicles.

- Functions : Detection of liquid level, low alarm, alarm high level alarm, the value output;
- Environment : Can be used in static liquid and dynamic liquid of locomotive, boat, etc;
- Assembly : Thread tighten (BSPT 1 1/2"、BSP1 1/2"、NPT 1 1/2"、M45x2), can match the flange;
- Length : 120 mm to 1000 mm length (estimate system);
- Advantage : **Instrument surface is isolation type, semi-circle casing strength is good, better able to withstand shocks without deformation;**



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机械式仪表 - MGC/MGCS系列

Mechanical Gauge - MGC/MGCS Series

专业品质 至尊选择
Premium Quality, Professional Choice.

类 型	料 号 Art. No.	长度(mm) Length	主体螺纹 Main body thread	报 警 Alarm	法 兰 Flange
MGC	JY91548	120	BSP1 1/2	无/NO	法兰选配 请参照第34页 Flange's mounting, please refer to page 34
	JY91549	150	BSP1 1/2		
	JY91550	200	BSP1 1/2		
	JY91551	250	BSP1 1/2		
	JY91552	300	BSP1 1/2		
	JY91553	350	BSP1 1/2		
	JY91554	400	BSP1 1/2		
	JY91555	450	BSP1 1/2		
	JY91556	500	BSP1 1/2		
	JY91557	550	BSP1 1/2		
	JY91558	600	BSP1 1/2		
	JY91559	650	BSP1 1/2		
	JY91560	700	BSP1 1/2		
	JY91561	750	BSP1 1/2		
	JY91562	800	BSP1 1/2		
	JY91563	850	BSP1 1/2		
	JY91564	900	BSP1 1/2		
	JY91565	950	BSP1 1/2		
	JY91566	1000	BSP1 1/2		
MGCS	-	150	BSP1 1/2	10-180Ω 高低报警 10-180Ω High and low alarm	
	-	200	BSP1 1/2		
	-	250	BSP1 1/2		
	-	300	BSP1 1/2		
	-	350	BSP1 1/2		
	-	400	BSP1 1/2		
	-	450	BSP1 1/2		
	-	500	BSP1 1/2		
	-	550	BSP1 1/2		
	-	600	BSP1 1/2		
* 以上产品均为 “KUS” logo，可客制。 * All the products are with “KUS” logo, can be customized.					

* 详细信息，请与我司联系！ Please contact us for more details.

机械式仪表 - MGE/MGES系列

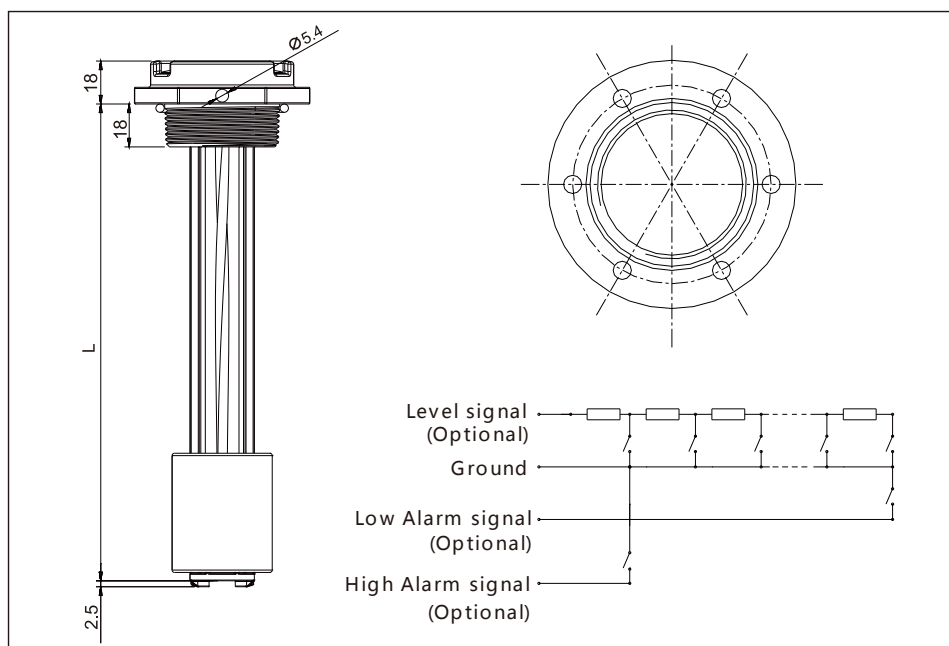
Mechanical Gauge - MGE/MGES Series



- 机械式仪表集液位探测及液位显示于一体,无需电源即可正常工作。可根据客户需要增加高、低位报警功能。
- 此仪表广泛应用于各类发电机、发动机等的燃油箱、水箱上,不建议在车辆上使用。
- The mechanical gauge integrates the function of level measuring and level display level without power supply. High and low alarm function can be added to the gauge according to customer requirement.
- This gauge largely applies to fuel tanks of generators and engines. It also applies to water tanks. Not recommended for vehicles.

- 功能: 探测液位, 低位报警, 高位报警, 高低位报警, 阻值输出;
- 环境: 适用于静态液体中, 亦能使用于机车、快艇等动态液体中;
- 装配: 螺纹方式紧固 (BSPT 1 1/2"、BSP1 1/2"、NPT 1 1/2"、M45x2), 可配法兰;
- 长度: 120mm~1000mm (预估可制长度);
- 优点: 仪表面为隔离式, 半圆套管强度好, 能更好承受各种冲击而不变形, 表盖是玻璃材质, 耐老化。

- Functions : Detection of liquid level, low alarm, alarm high level alarm, Resistance output;
- Environment : Can be used in static liquid and dynamic liquid of locomotive, boat, etc;
- Assembly : Thread tighten (BSPT 1 1/2"、BSP1 1/2"、NPT 1 1/2"、M45x2), can match the flange;
- Length : 120 mm to 1000 mm length (estimate system);
- Advantage : Instrument surface is isolation type, semicircle casing strength is good, better able to withstand shocks without deformation, The cover is made of glass and resistant to aging.



* 详细信息, 请与我司联系! Please contact us for more details.

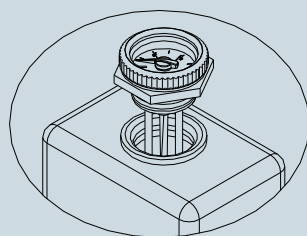
机械式仪表 - MGE/MGES系列

Mechanical Gauge - MGE/MGES Series

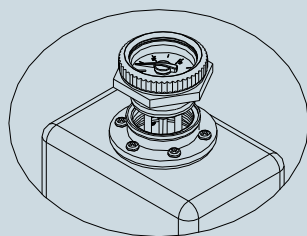
专业品质 至尊选择
Premium Quality, Professional Choice.

类 型	料 号 Art. No.	长度(mm) Length	主体螺纹 Main body thread	报 警 Alarm	法 兰 Flange
MGE	JY91548	150	NPT1 1/2	无/NO	法兰选配 请参照第34页 Flange's mounting, please refer to page 34
	JY91549	200	NPT1 1/2		
	JY91550	250	NPT1 1/2		
	JY91551	300	NPT1 1/2		
	JY91552	350	NPT1 1/2		
	JY91553	400	NPT1 1/2		
	JY91554	450	NPT1 1/2		
	JY91555	500	NPT1 1/2		
	JY91556	550	NPT1 1/2		
	JY91557	600	NPT1 1/2		
	JY91558	650	NPT1 1/2		
	JY91559	700	NPT1 1/2		
	JY91560	750	NPT1 1/2		
	JY91561	800	NPT1 1/2		
	JY91562	850	NPT1 1/2		
	JY91563	900	NPT1 1/2		
	JY91564	950	NPT1 1/2		
	JY91565	1000	NPT1 1/2		
MGES	-	150	NPT1 1/2	10-180Ω 高低报警 10-180Ω High and low alarm	
	-	200	NPT1 1/2		
	-	250	NPT1 1/2		
	-	300	NPT1 1/2		
	-	350	NPT1 1/2		
	-	400	NPT1 1/2		
	-	450	NPT1 1/2		
	-	500	NPT1 1/2		
	-	550	NPT1 1/2		
	-	600	NPT1 1/2		
	-				
	-				
* 以上产品均为 “KUS” logo，可客制。 * All the products are with “KUS” logo, can be customized.					

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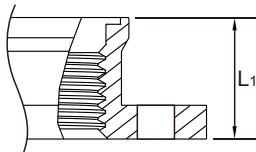
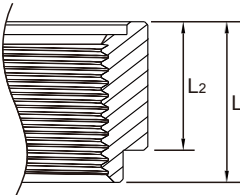
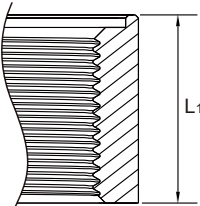
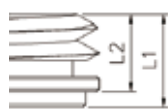
焊接法兰
Welding flange



标准六孔法兰
Standard 6 holes flange

- 装配螺纹有M45×2与BSP1 1/2两种规格
- 油箱上无法制作螺纹，则可使用配套法兰
- 标准六孔法兰配螺丝锁紧
- 选用焊接法兰与油箱焊接
- Threading types:
M45×2 and BSP 1 1/2.
- If there is no threadings on the tank, then a matched flange can be applied.
- The standard 6 holes flange(locked by screws).
- The welding flange(weld onto the tank).

法兰类型参照表/Appendix of flanges:

法兰 Flange	料号 Art. No.	材质 Material	螺纹规格 Thread	L1(mm)	L2(mm)	适用机型 Applied series	图例 Style
	JYS0071	铝/Alu.	M45×2	18	—	MG/MGS/MGC	
	JZA0164	铝/Alu.	M45×2	15	12	MG/MGS/MGC	
	JZM0429	铁/Fe	M45×2	15	12		
	JZM0515	SS 316	M45×2	20	15		
	JZM0658	铁/Fe	BSP 1 1/2"	15	12		
	JZM0807	SS 316	M45×2	50	45		
	JSA0265	铝/Alu.	BSP 1 1/2"	15	12		
	JZM0774	铁/Fe	BSP 1 1/2"	30	—	MG/MGS/MGC	
	JZM1193	铁/Fe	M45×2	25	—		
	JZM1306	铁/Fe(A3)	M57×5	18	15	MGP	
	JS22260	铝/Alu-6063	M57*5	27	—	MGP	



特点：

- 1、仪表前盖防护等级IP67;
- 2、不锈钢前盖，平面玻璃；
- 3、端子接线连接方式；
- 4、红色背光灯；
- 5、动磁式仪表工作电压在18~32V之间时需外接降压电阻。

Features:

- * Protection grade for front side is IP67;
- * 304 Stainless steel bezel with flat glass;
- * Connected by terminal stud;
- * Red backlight;
- * Cross coil gauges need extra resistors to work between 18V~32V.

表位 油位表 FUEL LEVEL								
	料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK10001	KPFR-BS-0-190	0~190Ω			SS 304	Empty-Full	12V/24V	Φ52mm
KK10000	KPFR-BS-240-33	240~33Ω						
KK10110	KPFR-WS-0-190	0~190Ω						
KK10105	KPFR-WS-240-33	240~33Ω						
KK10010	KPFR-BN-0-190	0~190Ω			SS 304 in black			
KK10009	KPFR-BN-240-33	240~33Ω						

水位表 WATER LEVEL								
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating		前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK11000	KPWR-BS-0-190	0~190Ω			SS 304	Empty-Full	12V/24V	Φ52mm
KK11005	KPWR-BS-240-33	240~33Ω						
KK11104	KPWR-WS-0-190	0~190Ω						
KK11105	KPWR-WS-240-33	240~33Ω						
KK11006	KPWR-BN-0-190	0~190Ω			SS 304 in black			
KK11007	KPWR-BN-240-33	240~33Ω						

水温表 COOLANT TEMP.							
							
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK14006	KPTR-BS-40-120	配本公司温度传感器 Matched with KUS temperature sensor		SS 304	40~120℃	12V/24V	Φ52mm
KK14104	KPTR-WS-40-120						
KK14008	KPTR-BN-40-120			SS 304 in black			

油温表 OIL TEMP.							
							
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK14007	KPYR-BS-50-150	配本公司温度传感器 Matched with KUS temperature sensor		SS 304	50~150℃	12V/24V	Φ52mm
KK14105	KPYR-WS-50-150						
KK14009	KPYR-BN-50-150			SS 304 in black			

电压表 VOLTMETER								
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating		前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK13004	KPVR-BS-8-16	8~16V			SS 304	8~16V	12V	Φ52mm
KK13007	KPVR-BS-18-32	18~32V				18~32V	24V	
KK13106	KPVR-WS-8-16	8~16V				8~16V	12V	
KK13105	KPVR-WS-18-32	18~32V				18~32V	24V	
KK13006	KPVR-BN-8-16	8~16V			SS 304 in black	8~16V	12V	
KK13008	KPVR-BN-18-32	18~32V				18~32V	24V	



压力表 PRESSURE							
	料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage
KK15013	KPPR-BS-0-5	10~184Ω		SS 304	0~5Bar	12V/24V	Φ52mm
KK15003	KPPR-BS-0-10				0~10Bar		
KK15106	KPPR-WS-0-5				0~5Bar		
KK15104	KPPR-WS-0-10				0~10Bar		
KK15007	KPPR-BN-0-5			SS 304 in black	0~5Bar		
KK15002	KPPR-BN-0-10				0~10Bar		

数显水温表 DIGITAL WATER TEMP.							
							
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK24013	KETR-BS-25-120	配本公司温度传感器 Matched with KUS temperature sensor		SS 304	25~120°C	12V/24V	Φ52mm
KK24103	KETR-WS-25-120						
KK24014	KETR-BN-25-120			SS 304 in black			

数显压力表 DIGITAL OIL PRESSURE							
							
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK25000	KEPR-BS-0-10	10~184Ω		SS 304	0~10Bar	12V/24V	Φ52mm
KK25100	KEPR-WS-0-10						
KK25001	KEPR-BN-0-10			SS 304 in black			

数显电压表 DIGITAL VOLT METER							
							
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KK23007	KEVR-BS-9-32	9~32V		SS 304	9~32V	12V/24V	Φ52mm
KK23106	KEVR-WS-9-32						
KK23008	KEVR-BN-9-32			SS 304 in black			



特点：

1. IP67防护等级，1米水下正常工作。
2. 双层防雾玻璃。
3. 不锈钢316前盖，带曲面玻璃。
4. 易安装的复合插头连接设计。
5. 红黄双色背光灯任选。
6. 工作电压：12V
 - 24V步进式和LED式仪表可直接连接24V工作电压；
 - 动磁式仪表需要外接电阻适配24V工作电压。

Features:

- IP67 protection rating for the entire gauge; can work up to 1m underwater;
- Double layer reinforced anti-fogging glass;
- 316 Stainless steel bezel with curved glass;
- Easy installation with multi-plug socket connection design;
- Selection of red or yellow backlight;
- Default working voltage: 12V
 - Compatible also with 24V for stepping motor and LCD type gauges;
 - Require an extra resistor to work with 24V for cross coil type gauge.

小时计 HOURMETER										
	料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension		
	KY39000	CCUR-BS	N/A		SS 316	0~99999	12V/24V	Φ52mm		
	KY39202	CCUR-WS								
	KY39001	CCUR-BN			SS 316 in black					
	KY39201	CCUR-BB			plastic in black					
KY39200	CCUR-WW			plastic in white						

表位油 FUEL LEVEL											
料号 Art. No.	型号 Model	信号 Signal	图片指示 Picture Indicating		前盖材质 Bezel	显示量程 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension			
KY10005	CPFR-BS-0-190	0~190Ω			SS 316	Empty-Full	12V/24V	Φ52mm			
KY10004	CPFR-BS-240-33	240~33Ω									
KY10100	CPFR-WS-0-190	0~190Ω									
KY10101	CPFR-WS-240-33	240~33Ω									
KY10002	CPFR-BN-0-190	0~190Ω			SS 316 in black						
KY10003	CPFR-BN-240-33	240~33Ω									
KY10200	CPFR-BB-0-190	0~190Ω			plastic in black						
KY10201	CPFR-BB-240-33	240~33Ω									
KY10300	CPFR-WW-0-190	0~190Ω			plastic in white						
KY10301	CPFR-WW-240-33	240~33Ω									



电压表

VOLTMETER





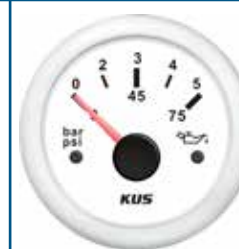


料号 Art. No.	型号 Model	信号 Signal	图片指示 Picture Indicating	前盖材质 Bezel	显示量程 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KY13000	CPVR-BS-8-16	8~16V		SS 316	8~16V	12V	Φ52mm
KY13100	CPVR-WS-8-16						
KY13013	CPVR-BN-8-16			SS 316 in black			
KY13200	CPVR-BB-8-16			plastic in black			
KY13304	CPVR-WW-8-16			plastic in white			
KY13001	CPVR-BS-18-32	18~32V		SS 316	18~32V	24V	
KY13101	CPVR-WS-18-32						
KY13012	CPVR-BN-18-32			SS 316 in black			
KY13201	CPVR-BB-18-32			plastic in black			
KY13305	CPVR-WW-18-32			plastic in white			

表 水 温 TEMP. WATER TEMP.							
料号 Art. No.	型号 Model	信号 Signal	图片指示 Picture Indicating	前盖材质 Bezel	显示量程 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KY14004	CPTR-BS-40-120	Matched with KUS temperature sensor		SS 316	40~120°C	12V/24V	Φ52mm
KY14100	CPTR-WS-40-120			SS 316 in black			
KY14002	CPTR-BN-40-120			plastic in black			
KY14200	CPTR-BB-40-120			plastic in white			
KY14304	CPTR-WW-40-120			plastic in white			

表 油 温 TEMP. OIL TEMP.							
料号 Art. No.	型号 Model	信号 Signal	图片指示 Picture Indicating	前盖材质 Bezel	显示量程 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KY14005	CPYR-BS-50-150	Matched with KUS temperature sensor		SS 316	50~150°C	12V/24V	Φ52mm
KY14102	CPYR-WS-50-150			SS 316 in black			
KY14000	CPYR-BN-50-150			plastic in black			
KY14202	CPYR-BB-50-150			plastic in white			
KY14305	CPYR-WW-50-150			plastic in white			



压力表 OIL PRESS.											
料号 Art. No.	型号 Model	信号 Signal	图片指示 Picture Indicating	前盖材质 Bezel	显示量程 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension				
KY15000	CPPR-BS-0-5	10~184Ω 240-33Ω can be customized		SS 316	0~5Bar	12V/24V	Φ52mm				
KY15100	CPPR-WS-0-5										
KY15001	CPPR-BN-0-5			SS 316 in black							
KY15201	CPPR-BB-0-5			plastic in black							
KY15300	CPPR-WW-0-5			plastic in white							
KY15006	CPPR-BS-0-10			SS 316	0~10Bar						
KY15103	CPPR-WS-0-10										
KY15008	CPPR-BN-0-10			SS 316 in black							
KY15202	CPPR-BB-0-10			plastic in black							
KY15303	CPPR-WW-0-10			plastic in white							

速度表 SPEEDOMETER									
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension		
KY08000	CMOB-BS-120L	普通脉冲/ Normal impulse		SS 316	0~120km/h	12V/24V	Φ85mm		
KY08100	CMOB-WS-120L								
KY08001	CMOB-BN-120L			SS 316 in black					
KY08200	CMOB-BB-120L			plastic in black					
KY08302	CMOB-WW-120L			plastic in white					

表 速 转 TACHOMETER



料号 Art. No.	型号 Model	速比 speed Ratio	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension				
KY07005	CMHB-BS-3KL	0.5-250		SS 316	0~3000rpm	12V/24V	Φ85mm				
KY07111	CMHB-WS-3KL										
KY07014	CMHB-BN-3KL			SS 316 in black							
KY07209	CMHB-BB-3KL			plastic in black							
KY07309	CMHB-WW-3KL			plastic in white							
KY07043	CMHB-BS-4KL	0.5-250		SS 316	0~4000rpm						
KY07102	CMHB-WS-4KL										
KY07015	CMHB-BN-4KL			SS 316 in black							
KY07202	CMHB-BB-4KL			plastic in black							
KY07303	CMHB-WW-4KL			plastic in white							
KY07000	CMHB-BS-6KL	0.5-250		SS 316	0~6000rpm						
KY07101	CMHB-WS-6KL										
KY07016	CMHB-BN-6KL			SS 316 in black							
KY07200	CMHB-BB-6KL			plastic in black							
KY07302	CMHB-WW-6KL			plastic in white							
KY07003	CMHB-BS-8KL	0.5-250		SS 316	0~8000rpm						
KY07103	CMHB-WS-8KL										
KY07017	CMHB-BN-8KL			SS 316 in black							
KY07203	CMHB-BB-8KL			plastic in black							
KY07304	CMHB-WW-8KL			plastic in white							

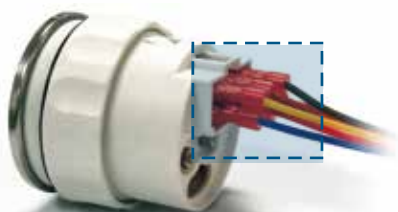
注：速比可调，
可调范围为0.5~250

Note : The speed ratio
is adjustable. Alternative
ratio range is 0.5~250.

注：速比可调，
可调范围为0.5~250

Note : The speed ratio
is adjustable. Alternative
ratio range is 0.5~250.





		连接器需要单独采购。 Connector need to be bought separately
Art. No.	JYS0302	
Length of wire	400 mm	

特点：

1. IP67前盖防护等级。
2. 双层防雾玻璃。
3. 不锈钢316前盖，带曲面玻璃。
4. 快插式端子连接安装。
5. 红黄双色背光灯任选。
6. 与Sea V系列不同点：可直接连接12V/24V 工作电压，无需外接电阻。

Features:

- Front side has IP67 protection rating; back side has IP65 protection rating;
- Double layer reinforced anti-fogging glass;
- 316 Stainless steel bezel with curved glass;
- Quick and easy to install by terminal;
- Selection of red or yellow backlight;
- Connect directly without extra resistors for 12/24V working voltage.

小时计 HOURMETER							
料号 Art. No.	型号 Model	信号 Signal	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KF39002	FCUR-BS	N/A		SS 316	0~99999	12V/24V	Φ52mm
KF39101	FCUR-WS						
KF39003	FCUR-BN			SS 316 in black			

表 转 速 表 TACHOMETER



料号 Art. No.	型号 Model	速比 speed Ratio	对应颜色 Picture Indicating	前盖 Bezel	指示范围 Display Range	工作电压 Working Voltage	安装尺寸 Installation Dimension
KF07018	FMHB-BS-3KL	0.5~250.0		SS 316	0~3000rpm	12V/24V	Φ85mm
KF07112	FMHB-WS-3KL						
KF07019	FMHB-BN-3KL			SS 316 in black			
KF07020	FMHB-BS-4KL	0.5~250.0		SS 316	0~4000rpm		
KF07113	FMHB-WS-4KL						
KF07021	FMHB-BN-4KL			SS 316 in black			
KF07012	FMHB-BS-6KL	0.5~250.0		SS 316	0~6000rpm		
KF07114	FMHB-WS-6KL						
KF07022	FMHB-BN-6KL			SS 316 in black			
KF07023	FMHB-BS-8KL	0.5~250.0		SS 316	0~8000rpm		
KF07115	FMHB-WS-8KL						
KF07024	FMHB-BN-8KL			SS 316 in black			

* Note : The speed ratio is adjustable. Alternative ratio range is 0.5~250.0



发电机组组合仪表

Genset Gauge Panel Series

专业品质 至尊选择
Premium Quality, Professional Choice.

我司组合仪表是迎合市场客户需求而设计的，其外形简洁美观，安装及日常保养都很方便。同时，带声光报警功能、过压和过流保护功能。

我司仪表盒可根据客户需求定制外观颜色、尺寸、功能及工作电压（12V 或者24V）。

The genset gauge panels were designed to meet customers' needs. Its elegant and simple design allows easy assembly and convenient routine maintenance. Acousto-optic alarming, over current protection, and over voltage protection and other features are integrated in the gauge panel.

The gauge panels' color, size, functions and working voltage of 12V or 24V can be customized.



项次 P/N	仪表盒 Gauge Panel	
料号/Art. No.	KY89915	KY89903
工作电压 Working Voltage	12V	24V
配套传感器 Matching sensor	磁电式转速传感器/MPU M16*1.5	
	温度传感器/Water temp. sensor 90°C alarm, M16*1.5	
	压力传感器/Pressure sensor 0-10bar, 0.8bar alarm, NPT 1/8	
安装尺寸 Installation Dimension	335*200*125mm	



项次 P/N	仪表盒 Gauge Panel	
料号/Art. No.	KY89909	
工作电压 Working Voltage	24V	
配套传感器 Matching sensor	磁电式转速传感器/MPU M16*1.5	
	温度传感器/Water temp. sensor 90°C alarm, M16*1.5	
	压力传感器/Pressure sensor 0-10bar, 0.8bar alarm, NPT 1/8	
安装尺寸 Installation Dimension	335*200*125mm	



项次 P/N	仪表盒 Gauge Panel	
料号/Art. No.	KY89912	
工作电压 Working Voltage	24V	
配套传感器 Matching sensor	磁电式转速传感器/MPU M16*1.5	
	温度传感器/Water temp. sensor 90°C alarm, M16*1.5	
	压力传感器/Pressure sensor 0-10bar, 0.8bar alarm, NPT 1/8	
安装尺寸 Installation Dimension	386*198*130mm	



项次 P/N	仪表盒 Gauge Panel	
料号/Art. No.	KY89911	KY89910
工作电压 Working Voltage	12V	24V
配套传感器 Matching sensor	磁电式转速传感器/MPU M16*1.5	
	温度传感器/Water temp. sensor 90°C alarm, M16*1.5	
	压力传感器/Pressure sensor 0-10bar, 0.8bar alarm, NPT 1/8	
安装尺寸 Installation Dimension	243*196*130mm	



项次 P/N	仪表盒 Gauge Panel	
料号/Art. No.	KY89904	KY89905
工作电压 Working Voltage	12V	24V
配套传感器 Matching sensor	磁电式转速传感器/MPU M16*1.5	
	温度传感器/Water temp. sensor 90°C alarm, M16*1.5	
	压力传感器/Pressure sensor 0-10bar, 0.8bar alarm, NPT 1/8	
安装尺寸 Installation Dimension	335*200*125mm	



项次 P/N	仪表盒 Gauge Panel	
料号/Art. No.	JMV00153	
工作电压 Working Voltage	12V/24V	
配套传感器 Matching sensor	磁电式转速传感器/MPU M16*1.5	
	温度传感器/Water temp. sensor 90°C alarm, M16*1.5	
	压力传感器/Pressure sensor 0-10bar, 0.8bar alarm, NPT 1/8	
安装尺寸 Installation Dimension	250*190*90mm	

