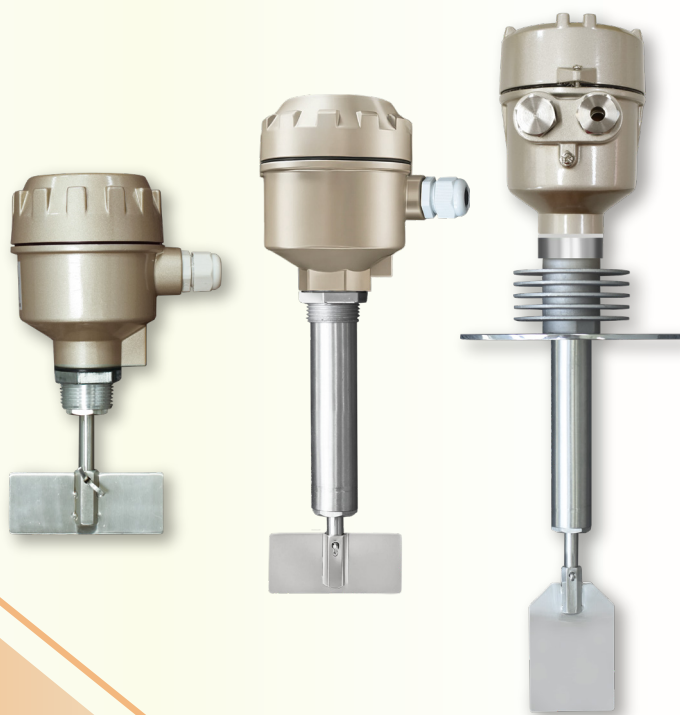
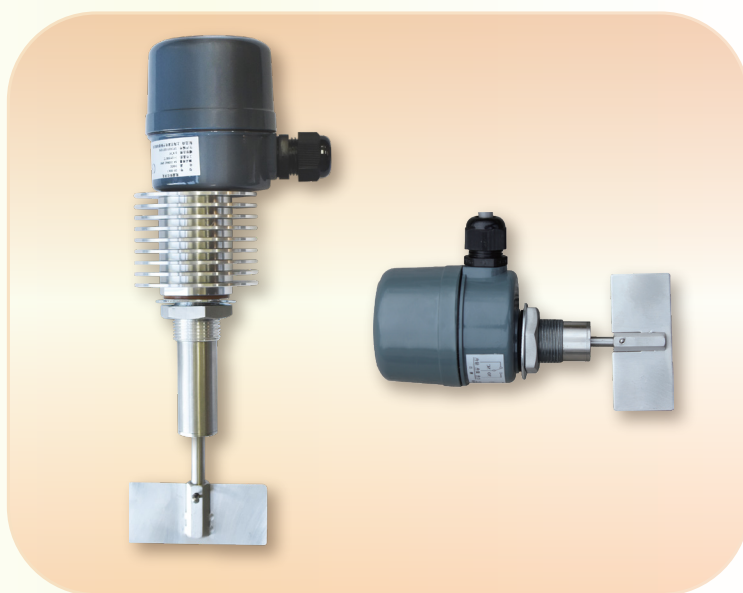
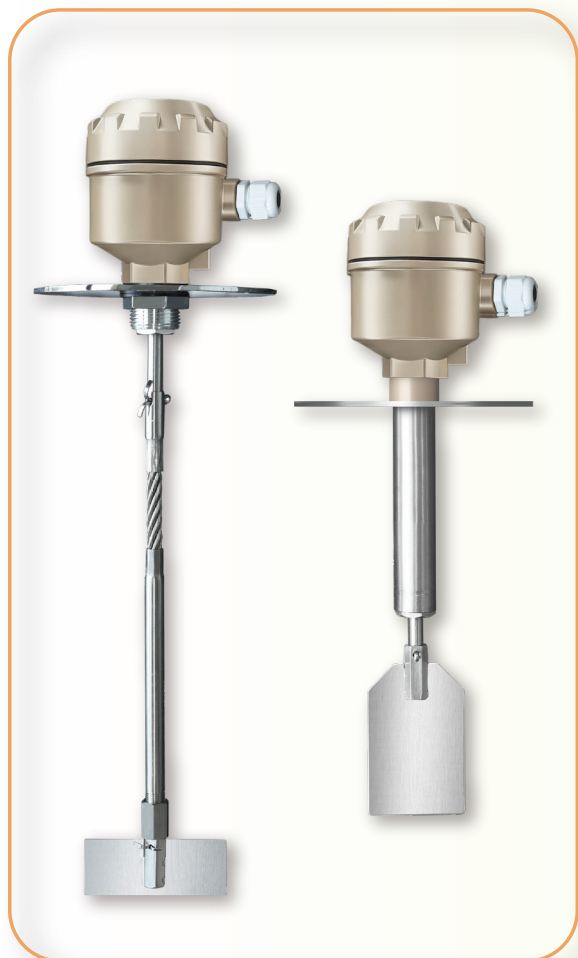




上海思派电子科技有限公司
SHANGHAI SPES ELECTRONIC TECHNOLOGY CO.,LTD.



阻旋式料位开关

Selection Catalogue of Rotary Paddle Level Switch

► 产品选型样本 ◀

ISO9001:2015 CE



公司简介

Introduction

上海思派电子科技有限公司成立于2003年01月，实缴注册资金1010万元，是集研发、生产、销售为一体的仪器仪表高科技企业。公司成立之初即聚集了一批专业的技术、管理人才和多位仪表行业资深专业的高级工程师，为产品的领先技术和优质性能提供了技术保障。公司拥有ISO、CE、SIL等国际认证和防爆证、计量证等多种证书，主要生产料位开关、射频导纳、静电容、雷达、磁翻板、浮球开关及温度/压力/差压等产品，种类齐全，满足多种行业不同检测现场及工况的需求，如化工、粮油、环保电力、饲料、医药、水泥、塑料、工程路机等行业。产品畅销全国及欧美等世界各地，是三一重工、中石油、中船重工等世界500强企业的供应商，荣获客户“优秀供应商”称号。公司成立了广州办事处和成都分公司，多次参加国际性行业相关展会，如德国汉诺威工业展等。上海思派秉承创新、务实、专业理念，以新技术、高品质和高效率服务国内外广大新老客户。

Shanghai SPES Electronic Technology Co., Ltd. was established in January 2003 with paid-in registered capital of 10.1million Yuan. It is a high-tech enterprise integrating R&D, production and sales of instruments and meters. At the beginning of its establishment, SPES has gathered a group of professionals, managerial personnel and senior high-level engineers with many years of experience in automatic instruments, which provide technical support for advanced technology and high-quality performance of the products. SPES is ISO, CE and SIL certificated, and gains China Metrology Accreditation, Explosion-proof Certificate and other certificates. The main products include liquid & solid level transmitter, RF Admittance sensor, capacitance sensor, magnetic level gauge, float switch, temperature/pressure/differential pressure and other process measurements, the diversity of which meets the needs of different on-site measurements and working conditions in a variety of industries, such as chemical, grain and oil, environment-friendly power, feed, medicine, cement, plastic and road engineering machinery. The products are sold throughout China and exported to Europe, America and other parts of the world. As the supplier of Fortune Global 500 companies such as SANY Heavy Industry Co., Ltd., China National Petroleum Corporation and China Shipbuilding Industry Group Co., Ltd., SPES has been honored with the title “Excellent Supplier” for many times. SPES has established Guangzhou office and Chengdu branch, and participated in many international industry-related exhibitions, such as HANNOVER MESSE in Germany. Shanghai SPES adheres to the concept of innovation, pragmatism and professionalism, and serves new and old customers at home and abroad with new technology, high quality and high efficiency.

Head Office
办公室内景



Laser Welding
激光焊接



CNC Machine
工厂数控一角



Testing Room
测试室



Calibration Test Room
校准测试台



Certificates
证书



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阻旋式料位开关

Rotary Paddle Level Switch

工作原理 (SR2) ----- P01
Working Principle(SR2)

技术参数 (SR2/SR4) ----- P02-04/05-06
Technical Specification(SR2/SR4)

选型指南 (SR2/SR4) ----- P07
Selection Guide(SR2/SR4)

小型阻旋式料位开关

Small Rotary Paddle Level Switch

工作原理 (SR-80) ----- P08-09
Working Principle(SR-80)

工作原理 (SR4-80/TR6-80) ----- P10-11/12-13
Working Principle(SR4-80/TR6-80)

选型指南 (SR80/SR4-80/TR6-80) ----- P14
Selection Guide(SR80/SR4-80/TR6-80)

工作原理 Working Principle

利用电机带动叶片旋转,当被测介质上升到叶片位置时,叶片受介质阻挡停止转动,从而通过相关控制机构,输出开(通)或关(断)的触点信号,介质下降离开叶片时,在弹簧的作用下,电机复位,输出触点复位,叶片恢复转动,继续探测介质的位置变化。

A motor drives the vane to rotate, when the medium being measured rises to the position of the vane, the vane is blocked by the medium and stops rotating, thereby triggering the relevant control mechanism to output an 'on' or 'off' contact signal. When the medium descends and moves away from the vane, the motor resets under the action of a spring, the output contact resets, and the vane resumes rotation, continuing to detect changes in the medium's position.

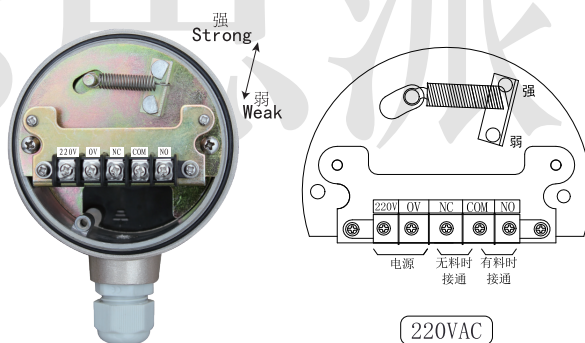


特点 Features

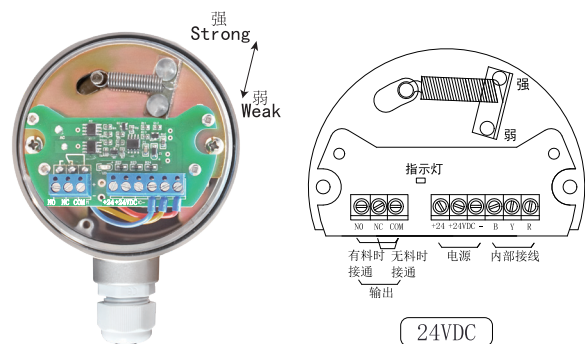
- ◆ 检测散装固体物料的旋转叶片式开关技术
- ◆ 高度集成的机械密封,可防止粉尘沿轴渗入
- ◆ 独特的弹性离合器结构,叶片过载时,自动保护电机
- ◆ 完全的机电分离式结构,整体免拆卸易维护
- ◆ 特殊叶片可用于低密度物料
- ◆ 使用过程连接件,安装简单,勿需调试

- ◆ Detection of bulk solid materials with rotary blade switch technology.
- ◆ Highly integrated mechanical seal to prevent the filtration of dust along the shaft
- ◆ Unique flexible clutch structure to conduct automatic protection of the motor when blade is overloaded
- ◆ Separate mechanical and electrical structure for simple maintenance without disassembly
- ◆ Special blades for low-density mediums
- ◆ Process connection pieces for easy installation ,No debugging required

SR2系列 SR2 Series



灵敏度调节
Sensitivity Adjustment



灵敏度调节
Sensitivity Adjustment

技术参数 Technical Specifications

电源电压：220VAC(24VDC、24VAC、110VAC、240VAC)

触点容量：250VAC/5A(阻性负载), SPDT(单刀双掷)

工作温度：-30~80℃(普通高温型最高可达200℃
特殊订制高温型最高可达800℃)

功率：3W

旋转力矩：1N·m

叶片转速：1rpm/5rpm

叶片材质：SUS304

防护等级：IP65

电气接口：M20×1.5

适用物料比重： $\geq 0.4\text{g/cm}^3$

Power Supply: 220VAC(24VDC、24VAC、110VAC、240VAC)

Contact Capacity: 250VAC/5A (Resistive Load), SPDT

Working Temperature: -30~80℃ (Normal high temperature up to 200℃; Special high temperature up to Max 800℃)

Power: 3W

Rotating Torque: 1N·m

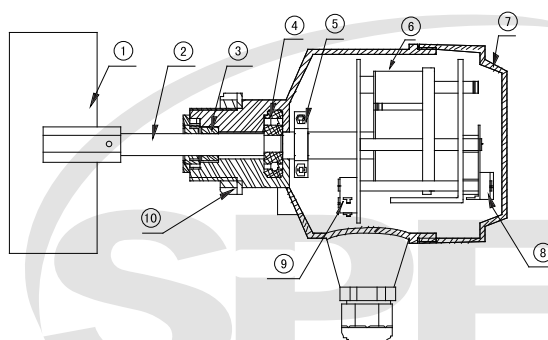
Blade Rotating Speed: 1rpm/5rpm

Blade material: SUS304

Protection Grade: IP65

Electrical Interface: M20 × 1.5

Proportion of the Applicable Medium: $\geq 0.4\text{g/cm}^3$



1、叶片
Blade

2、传动轴
Drive Shaft

3、密封结构组件
Sealed Components

4、轴承
Bearing

5、离合器
Clutch

6、马达
Motor

7、接线盒(壳体)
Junction Box (Shell)

8、接线端子排
Terminal Blocks

9、微动开关
Micro Switch

10、螺母
Nut

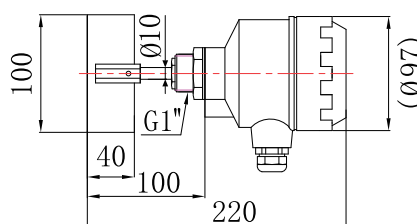
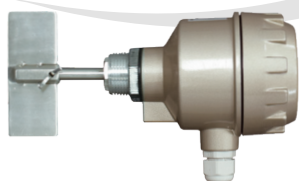
SR2-10S

标准螺纹型

(可水平或垂直安装)

Standard Screw Type

(Vertical or Horizontal Installation)



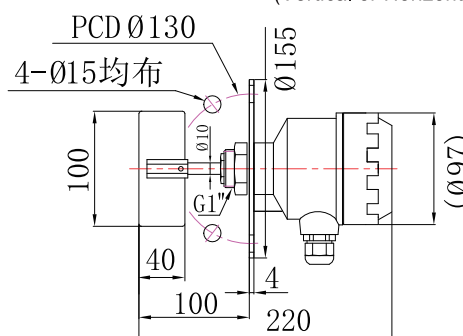
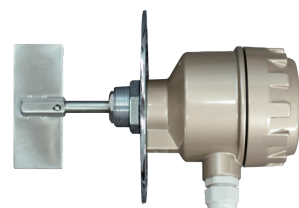
SR2-10F

标准法兰型

(可水平或垂直安装)

Standard Flange Type

(Vertical or Horizontal Installation)



SR2-10F-L

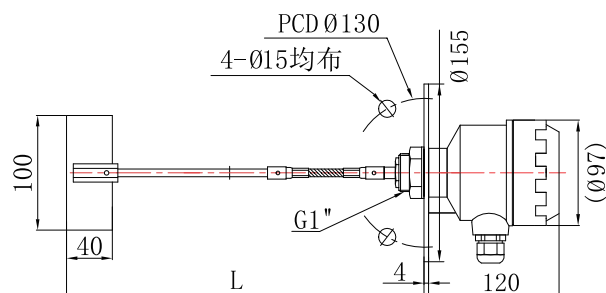
直杆加长型

(仅限垂直安装)



Extended Straight Shaft Type

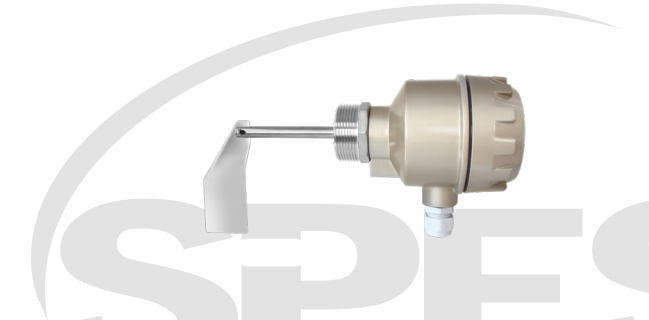
(Only for Vertical Installation)



SR2-10XLT

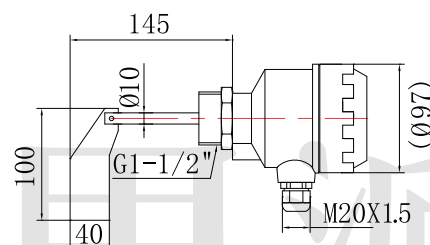
特殊订制型

(可水平或垂直安装)



Special Order Type

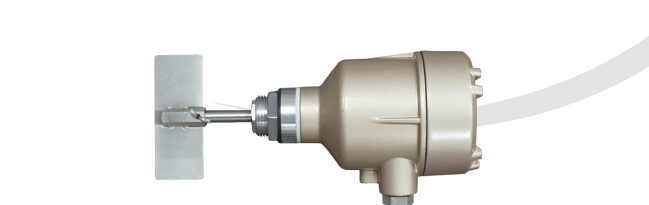
(Vertical or Horizontal Installation)



SR7-7010S (防爆)

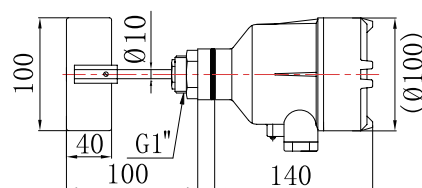
标准防爆型

(可水平或垂直安装)



Standard Explosion-proof Type

(Vertical or Horizontal Installation)



SR-XLT

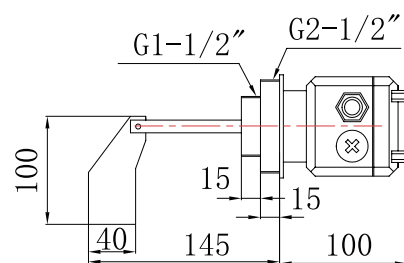
特殊方形

(可水平或垂直安装)



Special Type with Cuboid Junction Box

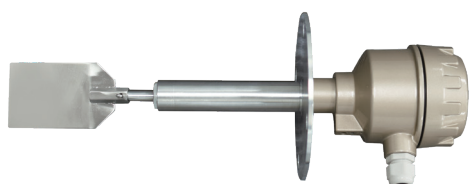
(Vertical or Horizontal Installation)



SR2-20F

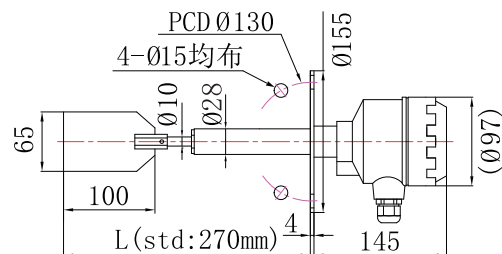
轴保护管型

(可水平或垂直安装)



Shaft Protection Tube Type

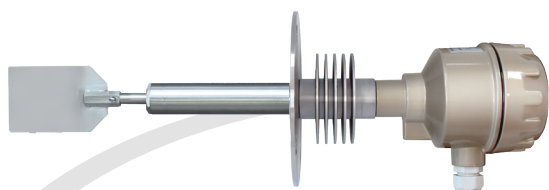
(Vertical or Horizontal Installation)



SR2-20F-T

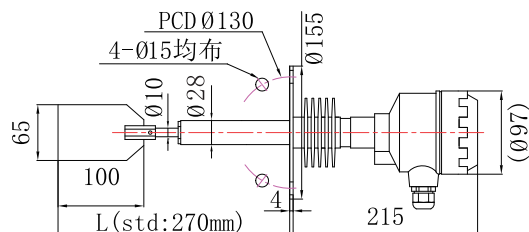
轴保护管高温型

(可水平或垂直安装)



High Temperature with Shaft Protection Tube Type

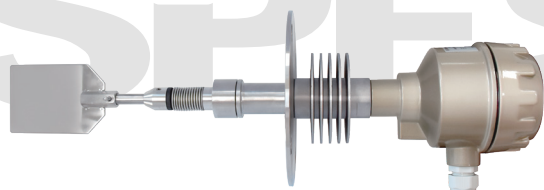
(Vertical or Horizontal Installation)



SR2-20F-H

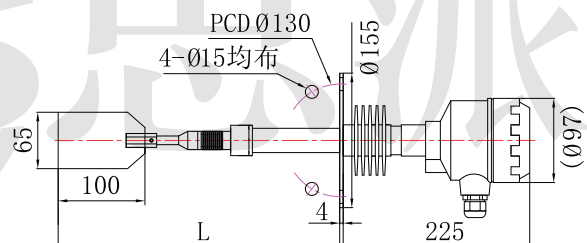
特殊高温型

(可水平或垂直安装)
(max 800°C)



Special High Temperature Type

(Vertical or Horizontal Installation) (max 800°C)



SR2-30S

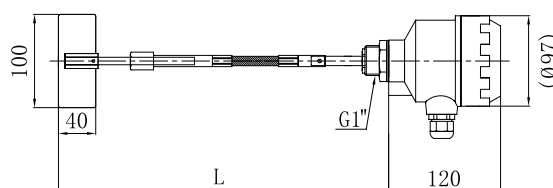
轴长可调型

(仅限垂直安装)



Adjustable Shaft Length Type

(Only for Vertical Installation)



SR2-40F

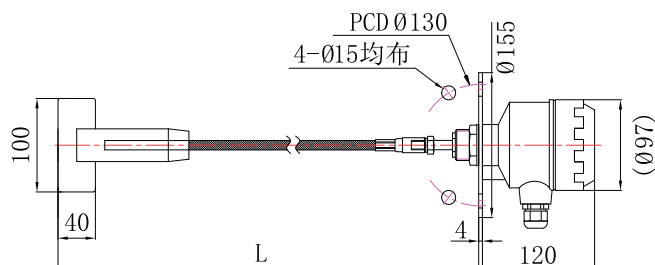
钢索型

(仅限垂直安装)

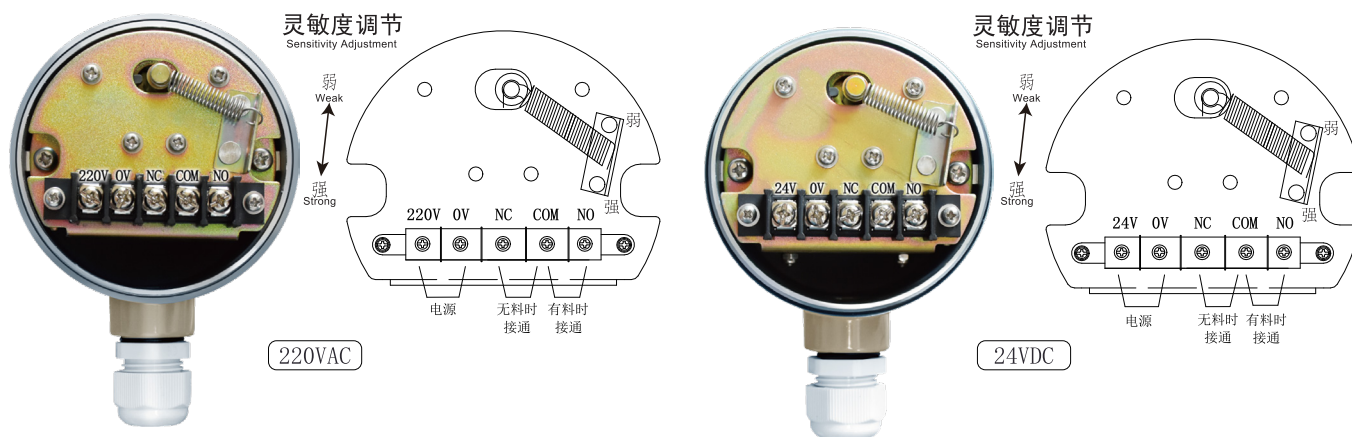


Steel Cable Type

(Only for Vertical Installation)



SR4 系列



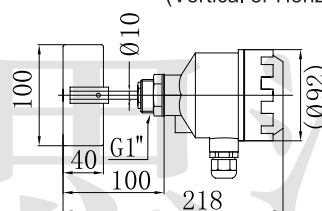
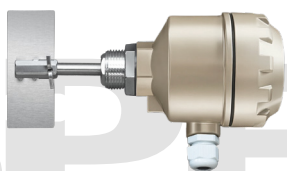
SR4-10S

标准螺纹型

(可水平或垂直安装)

Standard Screw Type

(Vertical or Horizontal Installation)



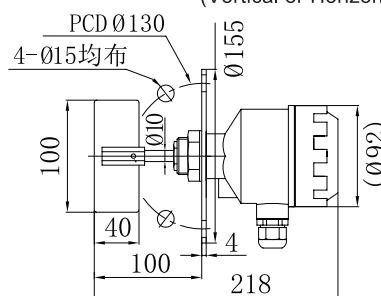
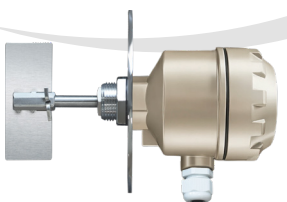
SR4-10F

标准法兰型

(可水平或垂直安装)

Standard Flange Type

(Vertical or Horizontal Installation)



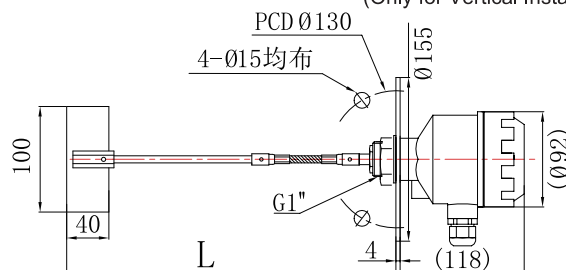
SR4-10F-L

直杆加长型

(仅限垂直安装)

Extended Straight Shaft Type

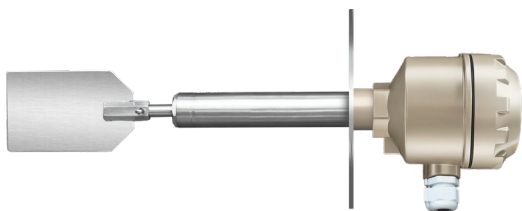
(Only for Vertical Installation)



SR4-20F

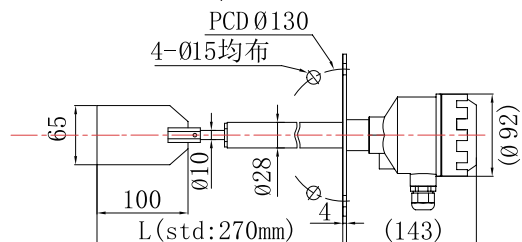
轴保护管型

(可水平或垂直安装)



Shaft Protection Tube Type

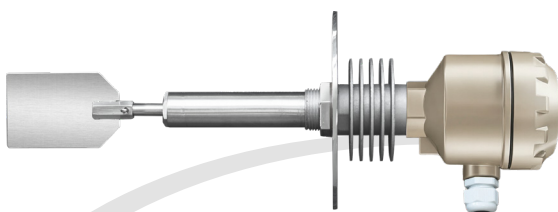
(Vertical or Horizontal Installation)



SR4-20F-T

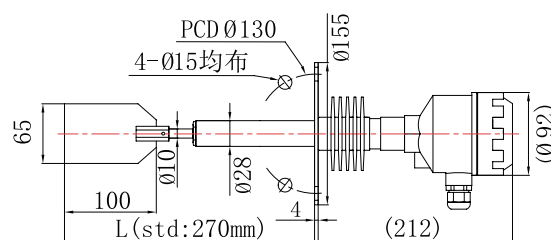
轴保护管高温型

(可水平或垂直安装)



High Temperature with Shaft Protection Tube Type

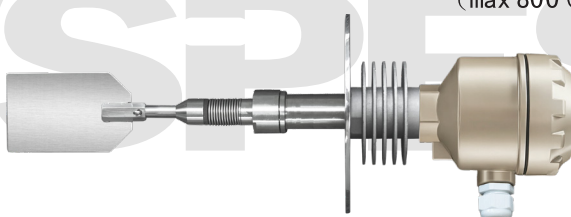
(Vertical or Horizontal Installation)



SR4-20F-H

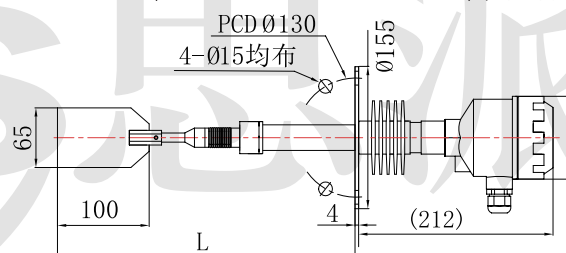
特殊高温型

(可水平或垂直安装)
(max 800°C)



Special High Temperature Type

(Vertical or Horizontal Installation) (max 800°C)



SR4-30F

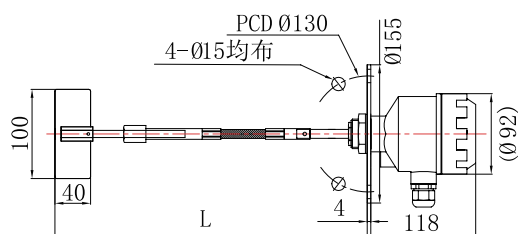
轴长可调型

(仅限垂直安装)



Adjustable Shaft Length Type

(Only for Vertical Installation)



SR4-40F

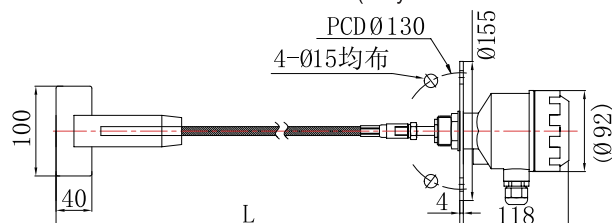
钢索型

(仅限垂直安装)



Steel Cable Type

(Only for Vertical Installation)



选型指南 Selection Guide

SR2—☐☐☐☐ — ☐☐☐☐☐
SR4—☐☐☐☐ — ☐☐☐☐☐☐

其它 Others

(默认为常温型) The default is normal temperature

T: 标准高温型 Standard high temperature Type (max200°C)

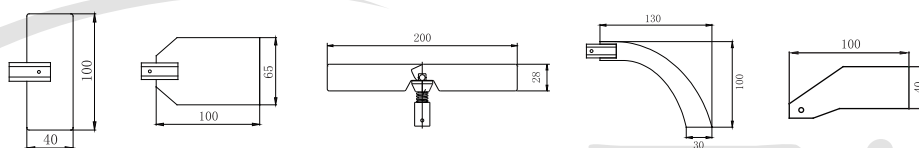
H: 特殊定制高温型 High temperature for special order (max800°C)

插入深度 Inserting Depth

单位 Unit: mm

叶片型式 Blade Type

见下图 See the following diagram



特殊定制
Special Order

电源 Power Supply

A. 220VAC

B. 110VAC

C. 24VAC

D. 24VDC

E. 240VAC

安装连接方式 Connection Method

F-法兰 (标准: JIS 2-1/2"×5kg/cm²)、S-螺纹、X-其它 (详细规格需说明)

F-flange (standard: JIS 2-1/2"×5kg/cm²) S-screw X-others (Note for detailed specification)

连轴形式 Shaft Connection Method

10-标准型 Standard Type

20-轴保护管型 Shaft Protection Tube Type

30-轴长可调型 Adjustable Shaft Length Type

40-钢索型 Steel Cable Type

SR7-7系列为防爆产品 SR7-7 series is explosion-proof products.

选型举例 Selection for example

SR2-10SAA-0800

标准螺纹型/ 电源: 220VAC/ 一字叶片 (100×40mm) / 总长为800mm的常温型阻旋料位开关

Standard Screw Type/ Power Supply: 220VAC/ Linear blade (100×40mm)/Normal temperature rotary blade level switch with the total length of 800mm

适用场所 Application

适用于粮食、饲料、水泥、塑料加工、基础工程、化工化纤等行业的制造加工设备。

Applicable to the manufacturing and processing equipment of industries such as food, feed, cement, plastics processing, basic engineering, chemical and chemical fiber.

工作原理 Working Principle

利用电机带动叶片旋转,当被测介质上升到叶片位置时,叶片受介质阻挡停止转动从而通过相关控制机构输出开(通)或关(断)的触点信号;介质下降离开叶片时,在弹簧的作用下,叶片恢复原位继续转动探测介质的位置变化。

The motor is used to drive the blade to rotate. When the measured medium rises to the blade position, the blade stops rotating by dielectric barrier and outputs contact signal ON or OFF through the relevant control mechanism; when the medium drops away from the blade, the blade restores to the beginning position to rotate and detect the position change of the medium under the function of the spring.



特点 Features

- 结构紧凑, 外形小巧
- 锌合金壳体, 坚实可靠
- 原装进口电机, 性能稳定
- 不同物料检测, 有多种叶片供选择
- 小型料仓(料斗)料位检测的最佳选择
- Compact structure with exquisite appearance
- Solid and reliable zinc alloy shell
- Imported motor with stable performance
- Detection of different mediums with many kinds of blades for selection
- The optimum choice of material level detection in small container (hopper)

技术参数 Technical Specifications

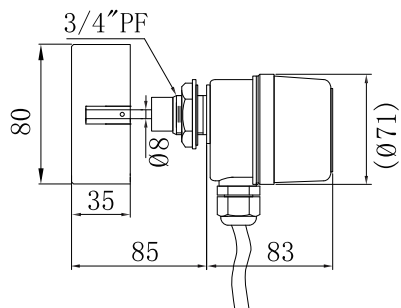
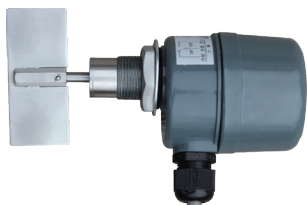
电源电压: 标准型:220VAC(110VAC、24VAC、**24VDC**)
输出: 250VAC/5A (阻性负载), SPDT(单刀双掷)
导线: 5芯护套线长500mm
安装: 螺纹3/4" PF (可根据要求定制)
功率: 1.5 W
检测扭矩: 约4.9N·cm
叶片转速: 1rpm
叶片规格: 80×35mm(一字、镰刀、弹簧叶片可选)
插入长度: 标准型:L=85mm (可特殊加长定制)
介质温度: 常温型: -30~80℃、高温型: max 200℃
适用物料比重: $\geq 0.3\text{g/cm}^3$

Power Supply: Standard:220VAC(110VAC,24VAC,24VDC)
Output: 250VAC/5A (Resistive Load), SPDT
Guide Wire: 5 cores with 500mm sheath wire
Installation: Screw 3/4" PF (customizable as required)
Power: 1.5W
Rotating Torque: about 4.9N·cm
Blade Rotational speed: 1rpm
Blade Size: 80×35mm (Linear, sickle, spring blade for selection)
Inserting Length: Standard: L=85mm (customizable for special length)
Medium Temperature: Normal Temperature: -30~80℃
High Temperature: max 200℃
Proportion of the Applicable medium: $\geq 0.3\text{g/cm}^3$

SR-80

标准型

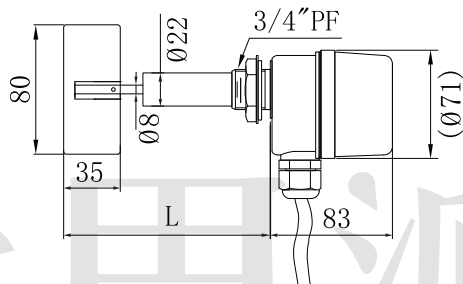
Standard Type



SR-80L

轴保护管加长型

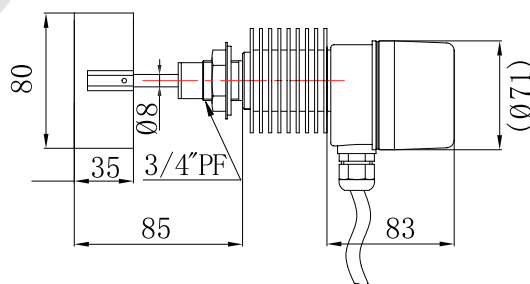
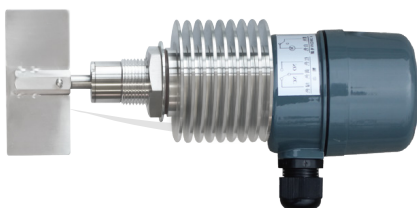
Extended Shaft with Protection Tube Type



SR-80T

高温型

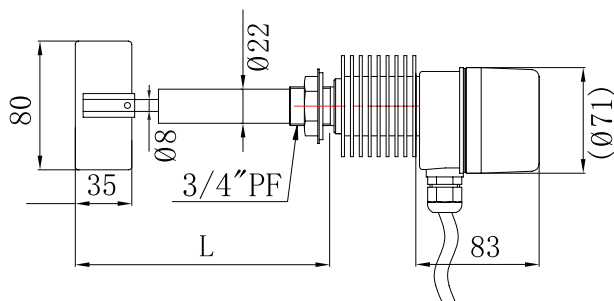
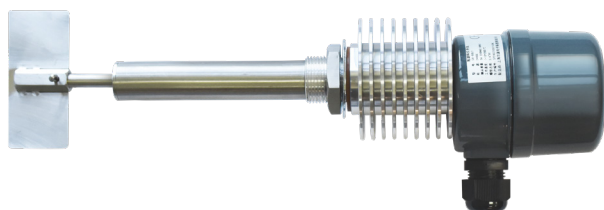
High Temperature Type



SR-80LT

高温加长型

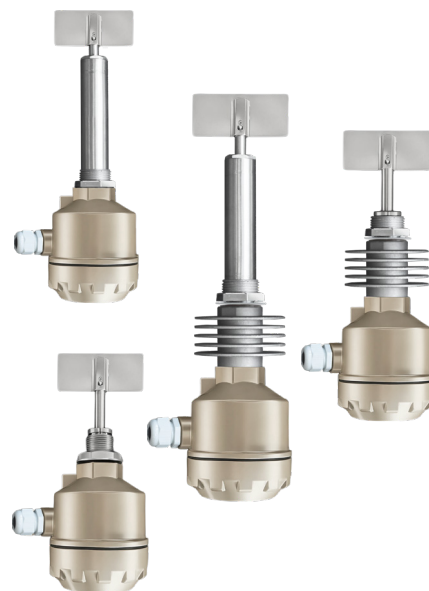
High Temperature Extended Type



工作原理 Working Principle

利用电机带动叶片旋转,当被测介质上升到叶片位置时,叶片受介质阻挡停止转动从而通过相关控制机构输出开(通)或关(断)的触点信号;介质下降离开叶片时,在弹簧的作用下,叶片恢复原位继续转动探测介质的位置变化。

The motor is used to drive the blade to rotate. When the measured medium rises to the blade position, the blade stops rotating by dielectric barrier and outputs contact signal ON or OFF through the relevant control mechanism; when the medium drops away from the blade, the blade restores to the beginning position to rotate and detect the position change of the medium under the function of the spring.



特点 Features

- ◆ 检测散装固体物料的旋转叶片式开关技术
- ◆ 高度集成的机械密封,可防止粉尘沿轴渗入
- ◆ 独特的弹性离合器结构,叶片过载时,自动保护电机
- ◆ 完全的机电分离式结构,整体免拆卸易维护
- ◆ 特殊叶片可用于低密度物料
- ◆ 使用过程连接件,安装简单,勿需调试
- ◆ Detection of bulk solid materials with rotary blade switch technology.
- ◆ Highly integrated mechanical seal to prevent the filtration of dust along the shaft.
- ◆ Unique flexible clutch structure to conduct automatic protection of the motor when blade is overloaded
- ◆ Separate mechanical and electrical structure for simple maintenance without disassembly
- ◆ Special blades for low-density mediums
- ◆ Process connection pieces for easy installation ,No debugging required

技术参数 Technical Specifications

电源电压: 220VAC(24VDC、24VAC、110VAC、240VAC)

触点容量: 250VAC/5A(阻性负载),SPDT(单刀双掷)

工作温度: -30~80°C(普通高温型最高可达200°C
特殊订制高温型最高可达800°C)

功率: 3W

旋转力矩: 1N·m

叶片转速: 1rpm/5rpm

叶片材质: SUS304

防护等级: IP65

电气接口: M20×1.5

适用物料比重: $\geq 0.4\text{g/cm}^3$

Power Supply: 220VAC(24VDC、24VAC、110VAC、240VAC)

Contact Capacity: 250VAC/5A (Resistive Load), SPDT

Working Temperature: -30~80°C (Normal high temperature up to 200°C ; Special high temperature up to Max 800°C)

Power: 3W

Rotating Torque: 1N·m

Blade Rotating Speed: 1rpm/5rpm

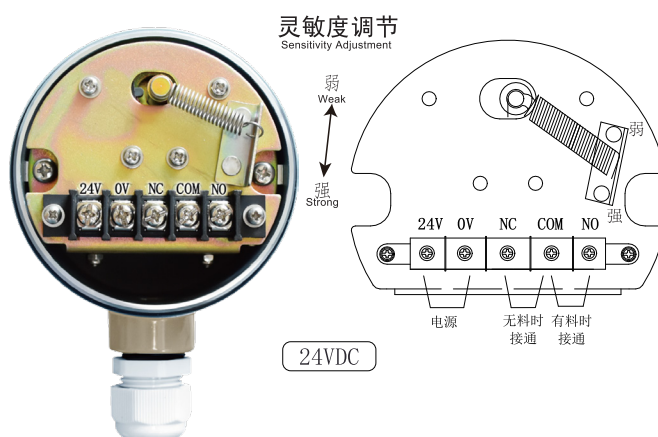
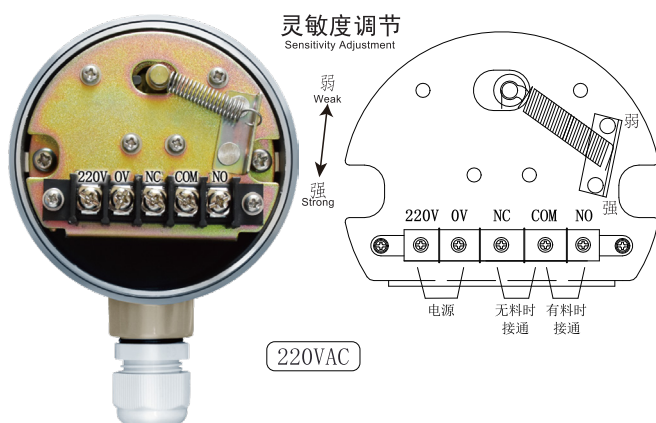
Blade material: SUS304

Protection Grade: IP65

: M20 × 1.5

Proportion of the Applicable Medium: $\geq 0.4\text{g/cm}^3$

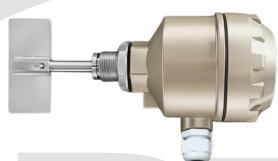
SR4-80 系列



SR4-80S

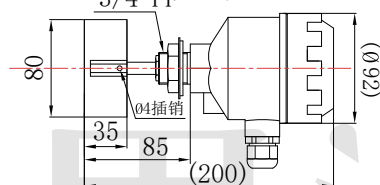
标准螺纹型

(可水平或垂直安装)



Standard Screw Type

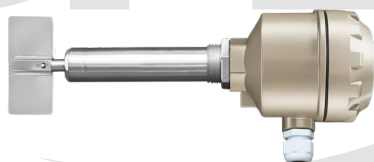
(Vertical or Horizontal Installation)



SR4-80L

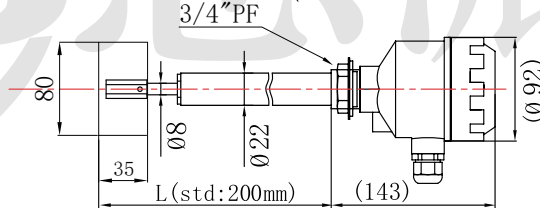
轴保护加长管型

(可水平或垂直安装)



Shaft Protection Tube Type

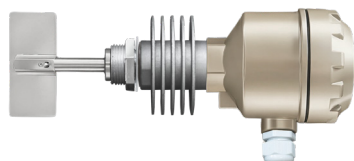
(Vertical or Horizontal Installation)



SR4-80T

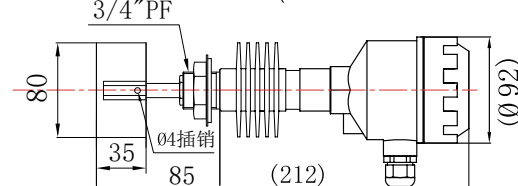
高温型

(可水平或垂直安装)



High Temperature Type

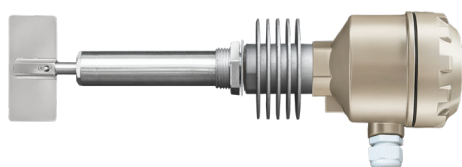
(Vertical or Horizontal Installation)



SR4-80LT

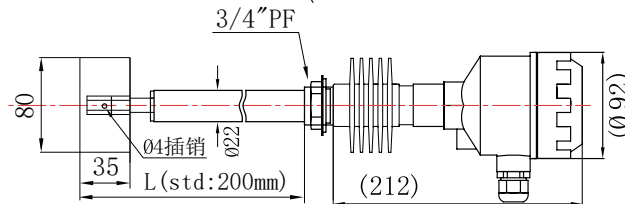
轴保护加长管高温型

(可水平或垂直安装)



High Temperature with Shaft Protection Tube Type

(Vertical or Horizontal Installation)



NEW TR6-80系列

工作原理 Working Principle

利用电机带动叶片旋转,当被测介质上升到叶片位置时,叶片受介质阻挡停止转动从而通过相关控制机构输出开(通)或关(断)的触点信号;介质下降离开叶片时,在弹簧的作用下,叶片恢复原位继续转动探测介质的位置变化。

The motor is used to drive the blade to rotate. When the measured medium rises to the blade position, the blade stops rotating by dielectric barrier and outputs contact signal ON or OFF through the relevant control mechanism; when the medium drops away from the blade, the blade restores to the beginning position to rotate and detect the position change of the medium under the function of the spring.



特点 Features

- 结构紧凑, 外形小巧
- 锌合金壳体, 坚实可靠
- 原装进口电机, 性能稳定
- 不同物料检测, 有多种叶片供选择
- 小型料仓(料斗)料位检测的最佳选择
- Compact structure with exquisite appearance
- Solid and reliable zinc alloy shell
- Imported motor with stable performance
- Detection of different mediums with many kinds of blades for selection
- The optimum choice of material level detection in small container (hopper)

技术参数 Technical Specifications

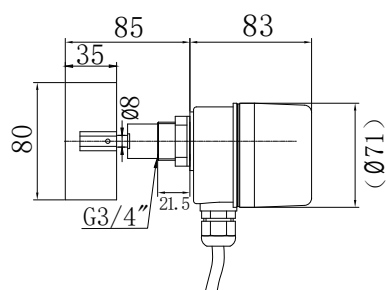
电源电压: 标准型: 220VAC (110VAC、24VAC、24VDC)
输出: 250VAC/5A (阻性负载), SPDT (单刀双掷)
导线: 5芯护套线长500mm
安装: 螺纹3/4" PF (可根据要求定制)
功率: 1.5 W
检测扭矩: 约4.9N·cm
叶片转速: 1rpm
叶片规格: 80×35mm (一字、镰刀、弹簧叶片可选)
插入长度: 标准型: L=85mm (可特殊加长定制)
介质温度: 常温型: -30~80℃、高温型: max 200℃
适用物料比重: $\geq 0.3\text{g/cm}^3$

Power Supply: Standard: 220VAC (110VAC, 24VAC, 24VDC)
Output: 250VAC/5A (Resistive Load), SPDT
Guide Wire: 5 cores with 500mm sheath wire
Installation: Screw 3/4" PF (customizable as required)
Power: 1.5W
Rotating Torque: about 4.9N·cm
Blade Rotational speed: 1rpm
Blade Size: 80×35mm (Linear, sickle, spring blade for selection)
Inserting Length: Standard: L=85mm (customizable for special length)
Medium Temperature: Normal Temperature: -30~80℃
High Temperature: max 200℃
Proportion of the Applicable medium: $\geq 0.3\text{g/cm}^3$

TR6-80S

标准螺纹型

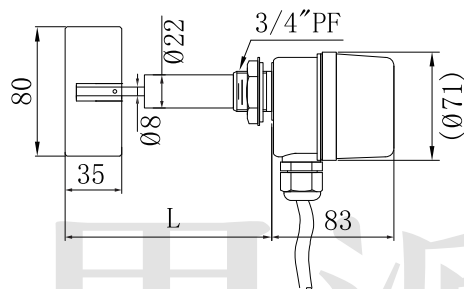
Standard Screw Type



TR6-80L

轴保护管加长型

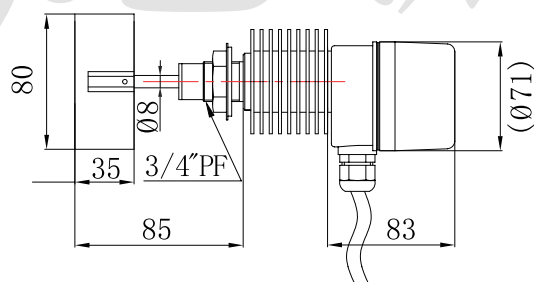
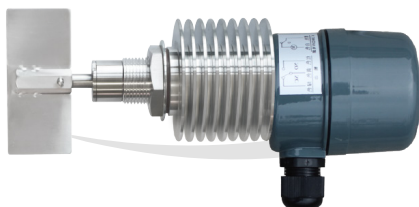
Extended Shaft with Protection Tube Type



TR6-80T

高温型

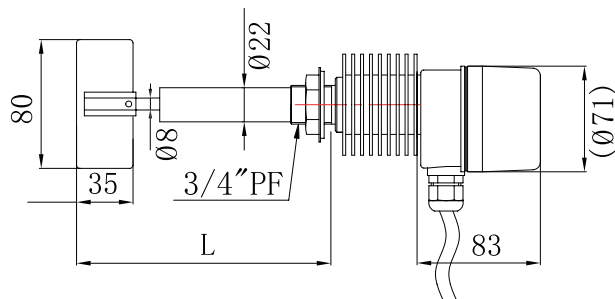
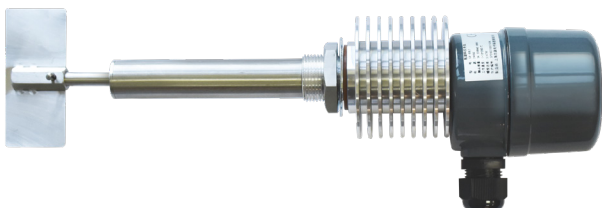
High Temperature Type



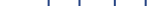
TR6-80LT

高温加长型

High Temperature Extended Type



选型指南 Selection Guide

SR-80 — 
SR4-80 — 
TR6-80 — 

插入深度 Inserting Depth
单位 Unit: mm

叶片规格 Blade Type

S: 标准型一字叶片 Standard Linear Blade

Y: 弹簧叶片 Spring Blade

X: 特殊定制叶片 Special Ordered Blade

L: 镰刀叶片 Sickie Blade

电源 Power Supply

A: 220VAC B: 110VAC C: 24VAC D: 24VDC

类型 Type

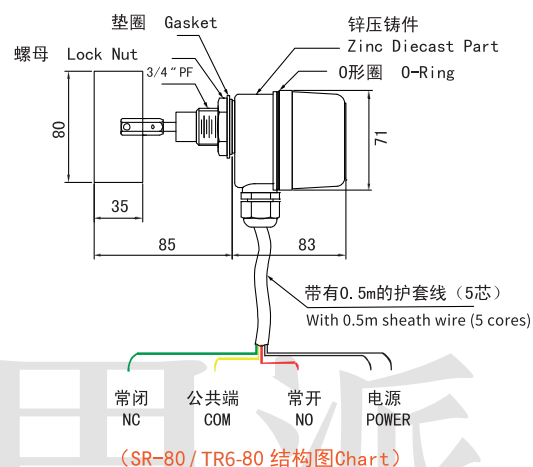
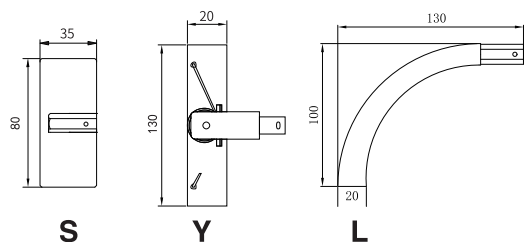
S: 标准型 Standard Type

L: 轴保护管加长型 Extended Shaft with Protection Tube Type

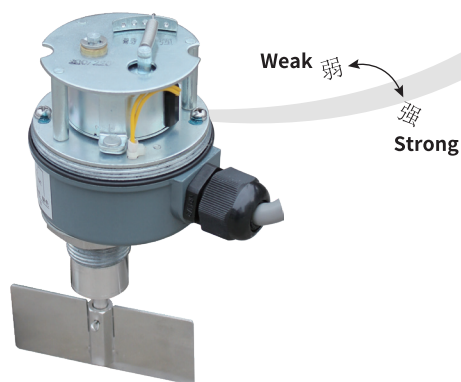
T: 高温型 High Temperature Type

LT: 高温加长型 High Temperature Extended Type

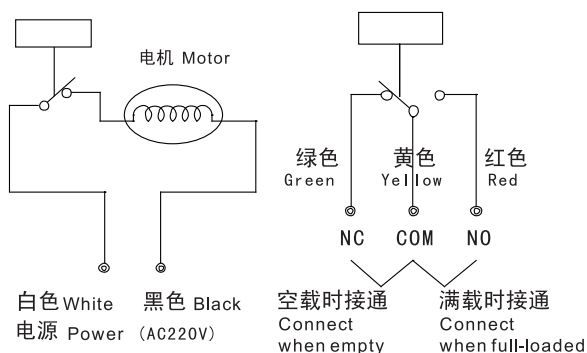
X: 其他(详情规格需说明) Others(Note for detailed specification)



(SR-80 / TR6-80 结构图Chart)



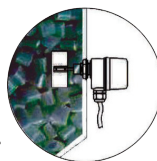
接线图 Connection Diagram



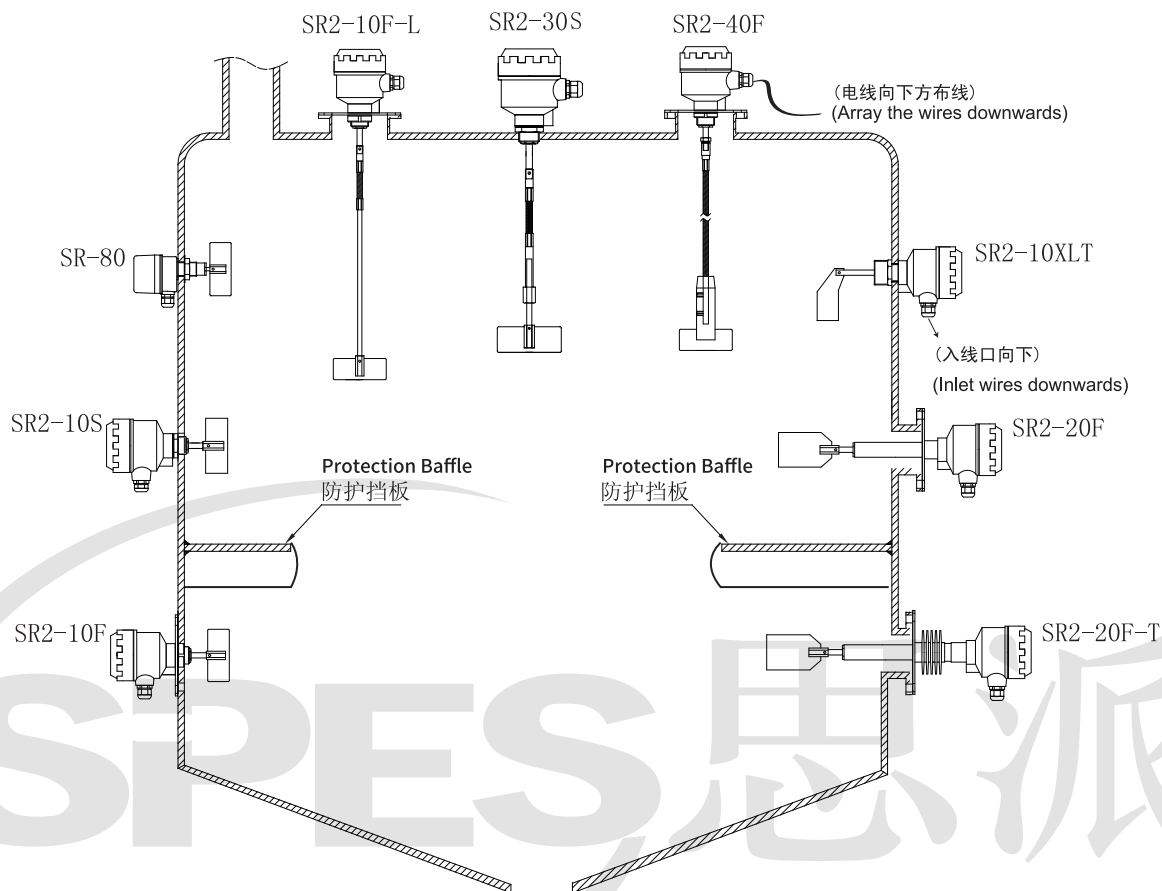
适用场所 Application

注塑机、挤出机、干燥机、包装机、混合机、自动上料系统等塑料、食品、制药、饲料、水泥多种行业设备。

Applicable to the equipment in the industry of plastic, food, medicine, feed and cement ect., such as injection molding machine, extrusion machine, drying machine, packing machine, mixer and automatic feeding system.



安装注意事项 Installation Precaution



1. 安装前请确认电源电压以免损坏电机。

Please confirm the power supply before installation to avoid damage to the motor.

2. 安装时请勿安装在进料口下方，以避免物料直接冲击。

Do not install under the inlet to avoid material impact.

3. 水平安装时，请将入线口垂直向下，垂直安装时，请将外部电线向下方布线（如图），并锁紧入线口接头及接线盒上盖，以免雨水等异物渗入，影响产品的正常使用。

During horizontal installation, please keep the wire inlet downward; during vertical installation, please keep the external wires downward (see the diagram above) and fasten the inlet connector and the upper cover of the junction box to avoid the infiltration of rainwater and other substances so as to guarantee normal operation.

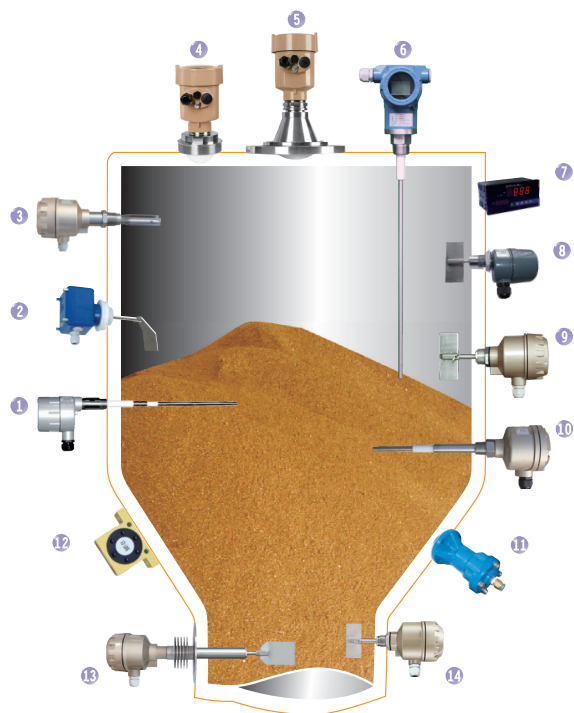
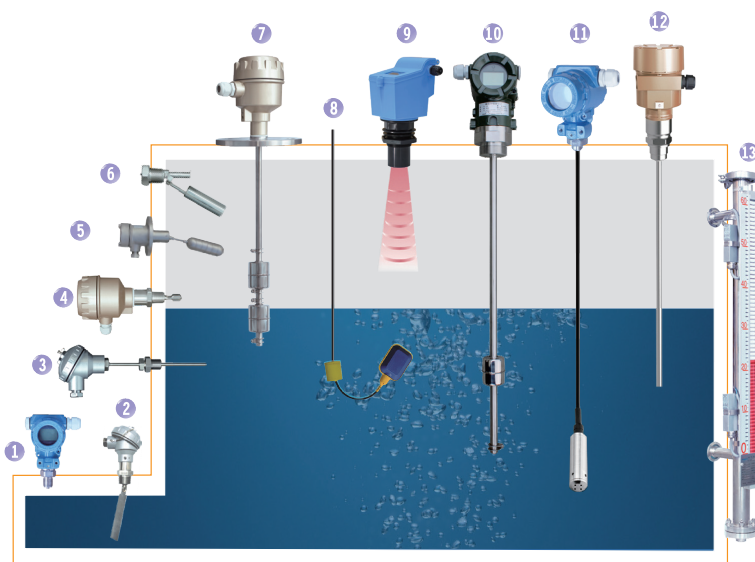
4. 水平安装时，可将料位开关水平向下倾斜15°-20°，减少物料堆积。

During vertical installation, the level switch can be tilted down horizontally at 15°-20° to reduce material accumulation.

5. 大料仓低位水平安装时，请加装防护挡板（如图），可用长于阻旋开关50mm的半圆管（半径约150mm），固定（焊接）在料位开关正上方250mm处。

When the rotary paddle level switch is installed horizontally at a low level in a large container, please install a protection baffle (see the diagram above). The baffle can be a semi-round tube (radius about 150mm) which is 50mm longer than the rotary paddle level switch, fixed at 250mm directly above the material level switch.

- | | |
|-------------|---|
| 1.压力变送器 | 1.Pressure Transmitter |
| 2.流量开关 | 2.Flow Switch |
| 3.温度变送器 | 3.Temperature Transmitter |
| 4.音叉式物位开关 | 4.Tuning Fork Level Switch |
| 5.侧装浮球液位开关 | 5.Side-mounting Float Level Switch |
| 6.浮球液位开关 | 6.Float Level Switch |
| 7.连杆浮球液位开关 | 7.Multi-point Float Level Switch |
| 8.电缆浮球液位开关 | 8.Cable Float Level Switch |
| 9.超声波物位计 | 9.Ultrasonic Level Gauge |
| 10.磁致伸缩液位计 | 10.Magnetostrictive Liquid Level Gauge |
| 11.投入式静压液位计 | 11.Immersion Static Pressure Liquid Level Gauge |
| 12.导波雷达物位计 | 12.Guided Wave Radar Level Gauge |
| 13.磁翻板液位计 | 13.Magnetic Level Gauge |



- | | |
|-------------|------------------------------------|
| 1.射频导纳物位开关 | 1.RF Admittance Level Switch |
| 2.阻旋式料位开关 | 2.Rotary Paddle Level Switch |
| 3.音叉式物位开关 | 3.Tuning Fork Level Switch |
| 4.雷达物位计 | 4.Radar Level Meter |
| 5.雷达物位计 | 5.Radar Level Meter |
| 6.射频导纳物位计 | 6.RF Admittance Level Gauge |
| 7.智能数显仪表 | 7.Intelligent Digital Displayer |
| 8.小型阻旋式料位开关 | 8.Small Rotary Paddle Level Switch |
| 9.阻旋式料位开关 | 9.Rotary Paddle Level Switch |
| 10.静电容物位开关 | 10.Capacitance Level Switch |
| 11.空气锤 | 11.Pneumatic Hammer |
| 12.空气振动器 | 12.Pneumatic Vibrator |
| 13.阻旋式料位开关 | 13.Rotary Paddle Level Switch |
| 14.阻旋式料位开关 | 14.Rotary Paddle Level Switch |

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