

KJSWL-1600系列超声波物位计

KJSWL-1600 series ultrasonic level meter

概述

超声波物位计(测量料位,液位),是一种非接触式、高可靠性、高性价比、易安装维护的物位测量仪器。它不必接触介质就能满足大部分物位测量要求,是我们公司经过多年努力开发,拥有完全自主知识产权的新一代超声波物位计。

Summary

Ultrasonic level meter(measure material level and liquid level) is a non-contact measuring device for material level with high reliability, high cost performance and easy installation and maintenance. It can meet most of requirements for material level measuring without contacting medium, which is a new generation ultrasonic level meter of our company with completely independent property right after years of hardworking and development.

产品介绍 Introduction of products



KJSWL-1600 一体式
KJSWL-1600 integrated model



KJSWL-1600 分体式
KJSWL-1600 split model



KJSWL-1600 一体式防爆式
KJSWL-1600 split model

技术参数 Technical parameters

功能 Functions	一体式 Integrated Model	分体式 Split model
量程 Measuring range	5米、10米、15米、20米、30米、40米、50米、60米 5m,10m, 15m, 20m,30m, 40m, 50m, 60m	5米、10米、15米、20米、30米、40米、50米、60米、70米、 5m,10m, 15m, 20m, 30m, 40m, 50m, 60m, 70m
	0.5%~1.0%	0.5%~1.0%
分辨率 Resolution	3mm 或0.1%(取大者) 3mm or 0.1%(choose the bigger)	3mm 或0.1%(取大者) 3mm or 0.1%(choose the bigger)
显示 Display	中文液晶显示 LCD in Chinese	中文液晶显示 LCD in Chinese
模拟输出 Analog output	4线制4~20mA/5100负载 4 wire system 4~20mA/5100 loading 2线制4~20mA/2500负载 2 wire system 4~20mA/2500 loading	4~20mA/5100负载 4~20mA/5100 loading
继电器输出 Relay output	可选配2组AC 250V/8A或DC 30V/5A 状态可编程 2 sets of AC 250V/8A or DC 30V/5A are optional, state is programmable	(可选配)单通道为2组,双通道是4组AC 250V/8A或DC 30V/5A 状态可编程 2 sets of single channel are (optional) the double channel is 4 sets of AC 250V/8A or DC 30V/5A, state is programmable
供电 Power supply	标配24VDC Standard: 24VDC 可选 220V AC+15% 50Hz Optional: 220V AC+15% 50Hz	标配220V AC+15% 50Hz Standard: 220V AC+15% 50Hz 可选24VDC 120mA Optional: 24VDC 120mA 定做12VDC或电池供电 Customized 12VDC or battery powered
环境温度 Environmental temperature	显示仪表-20~+60 Meter display -20~+60 探头-20~+80 Probe -20~+80	显示仪表-20~+60 Meter display -20~+60 探头-20~+80 Probe -20~+80
通信 Communication	可选485, 232通信(厂家协议) Optional 485, 232 communication (manufacturer agreement)	可选485, 232通信(厂家协议) Optional 485, 232 communication (manufacturer agreement)
防护等级 Protection class	显示仪表IP65, 探头IP68 Display meter IP65, Probe IP68	显示仪表IP65, 探头IP68 Display meter IP65, Probe IP68
探头电缆 Probe cable	无 No	可达100米, 标配10米 100m reachable, standard 10m
探头安装 Probe installation	根据量程和探头的选型 Selection based on measuring range and probe	根据量程和探头的选型 Selection based on measuring range and probe

产品选型 Product Selection

KJSWL-1600	
01	结构型式及材料 structure and material
FX	新的分体式壳体ABS材质 new split shell in ABS material
FL	分体式增强型, 铸铝材质strengthened split model in cast aluminum material
SK	一体式普通型(最大量程10米, 只有4~20mA输出, 不带继电器, 不带485通信) Integrated ordinary type (max measuring range 10m, with output of 4-20ma only, without relay and without 485 communication)
IP68	IP68防护等级的超声波液位计 Ultrasonic liquid level meter with IP68 protection class
量程 Measuring range	
02	具体的量程, 用两位数表示, 例如: 05表示5米, 30表示30米。 Specific measuring range, expressed with two digits, such as 05 represents 5 meters and 30 represents 30 meters
05	50米量程 50m measuring range
70	70米量程 70m measuring range
传感器外壳 sensor shell	
A	ABS做传感器外壳 sensor shell in ABS material
F	PE做传感器外壳 sensor shell in PE material
F	聚四氟乙烯做传感器外壳 sensor shell in PTFE material
P	POM做传感器外壳 sensor shell in POM material
V	PVDF做传感器外壳 sensor shell in PVDF material
S	不锈钢做传感器外壳 sensor shell in stainless steel material
T	特殊材质做传感器外壳 sensor shell in special material
传感器的安装尺寸 Installation dimensions of sensor	
A	Screw thread 螺纹 M48×2mm
B	Screw thread 螺纹 M60×2mm
C	Screw thread 螺纹 M78×2mm
D	Screw thread 螺纹 M108×2mm
E	Screw thread 螺纹 M98×2mm
F	Screw thread 螺纹 G1-1/2A, Big diameter 大径: Φ47.8mm
G	Screw thread 螺纹 G2A, Big diameter 大径: Φ59.6mm
H	Screw thread 螺纹 1-1/2"NPT, Big diameter 大径: Φ48.1mm
I	Screw thread 螺纹 2"NPT, Big diameter 大径: Φ60.1mm
T	特殊规格型 special specifications
安装方式 installation method	
N	不是法兰安装 installed not with flange
B	DN40法兰 flange
C	DN50法兰 flange
D	
E	DN80法兰 flange
F	DN100法兰 flange
G	DN125法兰 flange

H	D n150法兰 flange
1	D n200法兰 flange
	加长型探头螺纹长度 length of screw thread of lengthened probe
	空白表示是标准探头,可以不写 blank refers to standard probe, can not write
100	含螺纹长度是100毫米 indicate the length of probe with screw thread is 100 mm
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999	表示探头含螺纹长度是999毫米 indicate the length of probe with screw threads 999 mm
	电源、防爆种类 types of power and explosion proof
DCSP	特殊供电 12VDC、9VDC、电池供电 Special power supply 12VDC、9VDC and battery
DC	4线制直流供电非防爆 24VDC Four-wire DC power supply without explosion resistance 24VDC
AC	4线制交流供电非防爆 220VAC Four-wire AC power supply without explosion resistance 220VAC
TC	2线制直流供电非防爆 24VDC Two-wire DC power supply without explosion resistance 24VDC
TCIA	2线制直流供电本安防爆型 24VDC Two-wire DC power supply intrinsically safe explosion resistance model 24VDC
TCDD	2线制直流供电隔离防爆型 24VDC Two-wire DC power supply isolating explosion resistance model 24VDC
DCIA	4线制直流供电本安防爆型 24VDC Four-wire DC power supply intrinsically safe explosion resistance model 24VDC
DCDD	4线制直流供电隔离防爆型 24VDC Four-wire DC power supply isolating explosion resistance model 24VDC
	继电器数量 Q uantity of relay
R0	没有继电器 without relay
R1	1个继电器 one relay
R2	2个继电器 two relays
R3	3个继电器 three relays
R4	4个继电器 four relays
	输出信号 output signal
MA	4~20ma
C2	232通讯 communication
C4	485通讯 communication
C2MA	4~20ma+232通讯 communication
C4MA	4~20ma+485通讯 communication
HTMA	4~20ma+HART通讯 communication
RJ	RJ45网卡接口 network interface
TS	特殊输出信号 special output signal
	变送器外壳材质 transmitters shell material
PL	ABS塑料壳体 ABS plastic shell
Al	铸铝壳体 cast aluminum shell
F4	聚四氟乙烯壳体 PTFE shell
S4	304不锈钢壳体 304 stainless steel shell
S6	316不锈钢壳体 316 stainless steel shell
13	传感器电缆长度,00就是无配套电缆 Length of sensor cable,00 indicates without
01	传感器电缆01米 Sensor cable 01 meter
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200	传感器电缆200米 Sensor cable 200 meters