



温州达因流体机械有限公司

Sunstrand Fluid Handling Co., Ltd. (China)



我们专注于特殊材料泵及工业仪表的研发、生产与销售，
提供石油、化工、核能、环保行业高效可靠流体解决方案。
产品符合API、ISO标准。

We specialize in the R&D, production, and sales of specialty material pumps and industrial instrumentation, delivering highly efficient and reliable fluid solutions for the petroleum, chemical, nuclear, and environmental protection industries. Our products comply with API and ISO standards.

液体流量计 Liquid Flow Meter

LDQ-98A系列电磁流量计 Series Electromagnetic Flow meter



型号 Product Code	LDQ-98A-D	LDQ-98A-P	LDQ-98A-G	LDQ-98A-T
公称通径 Nominal Diameter	DN6~DN2000	DN6~DN200	DN6~DN150	DN25、DN50
压力等级 Nominal Pressure	0.6MPa~4MPa	6.3MPa~16MPa	16MPa~32MPa	25MPa~40MPa
防护等级 Ingress Protection	IP65（转换器 Converter）/IP68（传感器 Sensor）			
防爆等级 Ex-protected Design	Ex db ib mb II C T5 Gb			
精度等级 Accuracy	±0.5%、±1.0%			
介质温度 Medium Temperature	-20℃ ~ 120℃			
工作电源 Power Supply	AC220V、DC24V、3.6V 内供电池 Internal Battery			
输出信号 Output Signal	4~20mA、4~20mA+HART、RS485 (Modbus RTU)、 脉冲/频率 Pulse/Frequency output			
电极材料 Electrode Material	不锈钢 316L、哈氏合金 Hc、哈氏合金 Hb、钛 Ti、钽 Ta、铂 Pt 等 316L Stainless Steel, Hastelloy C, Hastelloy B, Ti, Ta, Pt			
适用介质 Suitable Media	清水、污水、聚合物、酸碱水、腐蚀剂、纸浆、矿浆等（电导率>5 μ S/cm） Water, Wastewater, Polymers, Acid/Alkali Solutions, Corrosives, Pulp, Slurry (Conductivity >5 μ S/cm)			

LSU-99A系列涡街流量计 Series Vortex Flow Meter



型号 Product Code	LSU-99A-DA	LSU-99A-DB	LSU-99A-DH、DF
公称通径 Nominal Diameter	DN15~DN300	DN15~DN150	DN25~DN65
压力等级 Nominal Pressure	1MPa~4MPa	6.3MPa~25MPa	16MPa~42MPa
防护等级 Ingress Protection	IP65		
防爆等级 Ex-protected Design	Ex ia II C T6、 Ex db II C T4~T6 Gb		
精度等级 Accuracy	±0.75%、±1.0%、±1.5%		
介质温度 Medium Temperature	0~70℃、0~150℃（液体 Liquid ）/150℃~350℃（气体 Gas）		
工作电源 Power Supply	AC220V、DC24V、3.6V 内供电池 Internal Battery		
输出信号 Output Signal	4~20mA、4~20mA+HART、RS485 (Modbus RTU)、 脉冲/频率 Pulse/Frequency output		
适用介质 Suitable Media	液体、气体、蒸汽 Liquid, Gas, Steam		

压力变送器 Pressure Transmitter

YSB系列压力变送器 Series Pressure Transmitters



型号 Product Code	YSB-E	YSB-D	YSB-C
测量类型 Measurement Type	表压 Gauge Pressure	绝压 Absolute Pressure	高压力 High Pressure
测量范围 Range	0~500Pa~70MPa	0~10KPa~35MPa	0~100MPa~250MPa
防护等级 Ingress Protection	IP65、IP66、IP67		
防爆等级 Ex-protected Design	Ex d II C T4~T6 Gd、Ex ia II C T6 Ga		
精度等级 Accuracy	±0.025%、±0.05%、±0.075%		
介质温度 Medium Temperature	-40℃ ~ 120℃		
工作电源 Power Supply	DC24V±10%		
输出信号 Output Signal	4~20mA、HART、RS485(Modbus RTU)		
膜片材质 Diaphragm Material	316L 不锈钢、哈氏合金、钽等 316L Stainless Steel、Hastelloy、Ta		
适用介质 Suitable Media	液体、气体、蒸汽 Liquid, Gas, Steam		

YSB3351S系列差压变送器 Series Differential Pressure Transmitters



型号 Product Code	YSB3351S-C	YSB3351S-G	YSB3351S-W
测量类型 Measurement Type	表压、差压 Gauge Pressure, Differential Pressure	高静压 High Static Pressure	微差压 Micro Differential Pressure
测量范围 Range	0~100kPa~35MPa		0~500Pa~10kPa
防护等级 Ingress Protection	IP65, IP66, IP67		
防爆等级 Ex-protected Design	Ex d II C T4~T6 Gd、Ex ia II C T6 Ga		
精度等级 Accuracy	0.025%、0.05%、0.075%		
介质温度 Medium Temperature	-40℃ ~ 120℃		
工作电源 Power Supply	24VDC±10%		
输出信号 Output Signal	4~20mA、HART、RS485 (Modbus RTU)		
膜片材质 Diaphragm Material	316L 不锈钢、哈氏合金、钽等 316L Stainless Steel、Hastelloy、Ta		
适用介质 Suitable Media	液体、气体、蒸汽 Liquid, Gas, Steam		

YSB3351L单法兰差压变送器 Single Flange Differential Pressure Transmitter

技术参数 Technical Specifications	
测量范围 Range	0~10kPa、0~100kPa、0~500kPa、0~7MPa
防护等级 Ingress Protection	IP65、IP66、IP67
防爆等级 Ex-protected Design	Ex d II C T4~T6 Gd、Ex ia II C T6 Ga
精度等级 Accuracy	±0.075%、±0.1%、±0.2%、±0.5%
介质温度 Medium Temperature	-40℃ ~ 120℃
工作电源 Power Supply	24VDC±10%
输出信号 Output Signal	4~20mA、HART、RS485（Modbus RTU）
膜片材质 Diaphragm Material	316L 不锈钢、哈氏合金、膜片镀金 316L Stainless Steel、Hastelloy、Gold-Plated Diaphragm
适用介质 Suitable Media	液体、蒸汽、气体 Liquid, Gas, Steam



YSB3351D远传毛细管法兰变送器 Remote Seal Capillary Flange Transmitter

技术参数 Technical Specifications	
测量范围 Range	0~10kPa、0~100kPa、0~500kPa、0~7MPa（最高静压达到 35MPa The maximum static pressure reaches 35MPa.）
防护等级 Ingress Protection	IP65、IP66、IP67、IP68
防爆等级 Ex-protected Design	Ex d II C T4~T6 Gd、Ex ia II C T6 Ga
精度等级 Accuracy	±0.075%、±0.1%、±0.2% 、±0.5%
介质温度 Medium Temperature	-40℃ ~ 120℃
工作电源 Power Supply	24VDC±10%
输出信号 Output Signal	4~20mA、HART、RS485（Modbus RTU）
膜片材质 Diaphragm Material	316L 不锈钢、哈氏合金、膜片镀金 316L Stainless Steel、Hastelloy、Gold-Plated Diaphragm
适用介质 Suitable Media	液体、蒸汽、气体 Liquid, Gas, Steam



温度变送器 Temperature Transmitter

AXW-E温度变送器 Temperature Transmitter

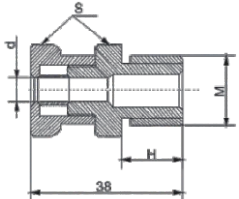
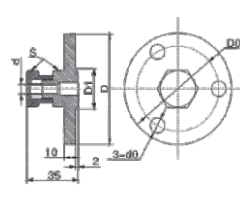
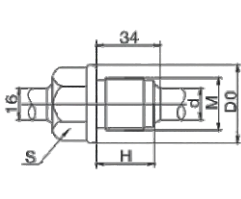
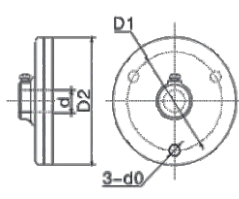
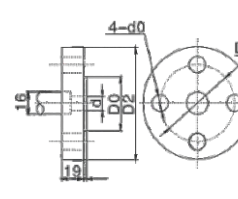
技术参数 Technical Specifications

测量范围 Range	-200℃~1800℃
防护等级 Ingress Protection	IP65、IP67
防爆等级 Ex-protected Design	Ex d II C T4~T6 Gb
精度等级 Accuracy	±0.1%、±0.2%、±0.5%
工作电源 Power Supply	24VDC±10%
输出信号 Output Signal	4~20mA、HART、RS485(Modbus RTU)
适用介质 Suitable Media	液体、蒸汽、气体 Liquid, Gas, Steam



安装固定装置形式、结构尺寸及公称压力

Fixed Installation Device Types, Structural Dimensions, and Nominal Pressure

铠装式 Armored Type						装配式 Assembled Type										
卡套螺纹 Ferrule Thread			卡套法兰 Ferrule Flange			固定螺纹 Fixed Thread		活动法兰 Loose Flange		固定法兰 Fixed Flange						
																
d	8	6	d	8	6	d	12	16	d	12	16	20	d	12	16	20
M	M16×1.5	M12×1.5	D	60	50	M	M27×2		D2	70		D2	95			
			D0	42	36											
H	15	15	D1	24	20	H	32		D1	54		D1	65			
			d0	9	7										S	32
S	22	19	S	22	19	D0	40		d0	6		D0	45			
固定卡套公称压力 PN For Fixed Ferrule: 2.5MPa						公称压力: 10MPa Nominal Pressure: 10MPa		公称压力: 常压 Nominal Pressure: 101.325kPa		d0		14				
可动卡套公称压力 PN For Movable Ferrule: 101.325kPa																
												公称压力: 6.4Mpa Nominal Pressure: 6.4Mpa				

流量计检测系统 Fluid meter inspection system

- 完全采用自主研发的采集和控制系统，可匹配多种检测信号，包括超声和光电脉冲信号
- Fully adopt independently developed data acquisition and control systems, which are compatible with various detection signals, including ultrasonic and photoelectric pulse signals.

TCNP音速喷嘴式燃气表检定装置 Sonic Nozzle Gas Meter Calibration Device

技术参数 Technical Specifications	
流量范围 Flow Range	0.016~100m ³ /h
设备精度 Device Accuracy	最小流量±0.45%；最大流量±0.25% Minimum Flow Rate±0.45%；Maximum Flow Rate ±0.25%
流量稳定性 Flow Stability	≤0.1%
喷嘴准确度 Nozzle Accuracy	0.2%
流量偏差 Flow Deviation	≤5%（或由用户指定 or specified by the user）
检表数量 Meter Verification Capacity	3~12（台 Units）工位 Test Stations
检测口径 Testing Caliber	G1.6~G65



TCS标准表法气体流量标准装置 Standard Table Method Gas Flow Standard Device

技术参数 Technical Specifications	
流量范围 Flow Range	1~20000m ³ /h (上限由用户选择 the upper limit is selected by the user)
检测平台 Verification Platform	DN20 ~ DN600 (工位规格和数量可根据用户需求定制 Test station specifications and quantity can be tailored to user requirements..)
系统精度 System Accuracy	优于 0.33% better than 0.33%
设备工作压力 Device Operating Pressure	绝对压力 80kPa~当地大气压 absolute pressure 80.kPa~local atmospheric pressure
设备工作温度 Device Operating Temperature	-10℃~50℃
工作介质 Operating Medium	洁净空气 Clean air



TCN音速喷嘴气体流量标准装置 Critical Flow Nozzle Gas Flow Standard Device

技术参数 Technical Specifications	
流量范围 Flow Range	0.5 ~ 20000m ³ /h
检测平台 Verification Platform	DN20 ~ DN600 (工位规格和数量可根据用户需求定制 Test station specifications and quantity can be tailored to user requirements..)
系统精度 System Accuracy	优于 0.3% better than 0.3%
设备工作压力 Device Operating Pressure	绝对压力 20kPa~当地大气压 absolute pressure 20 kPa~local atmospheric pressure
设备工作温度 Device Operating Temperature	0° C ~ 45° C
工作介质 Operating Medium	洁净空气 Clean air



气体流量计 Gas Flow Meter

ALS系列旋进旋涡流量计 Series Vortex Precession Flow Meter

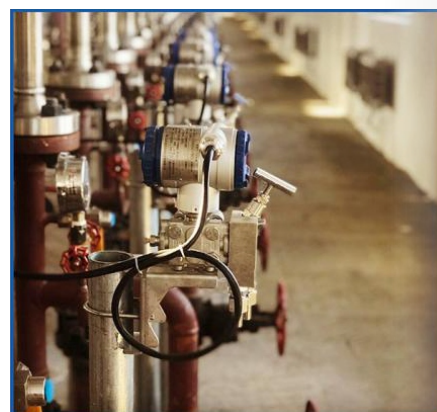
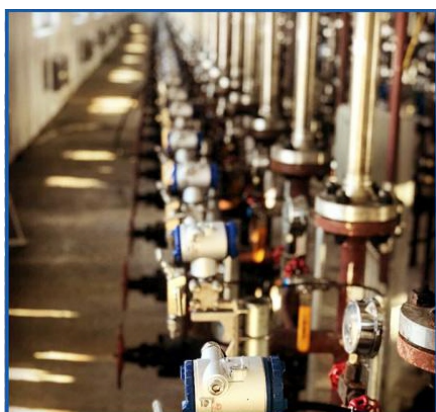
型号 Product Code	ALS-20~200
公称通径 Nominal Diameter	DN20~DN200
压力等级 Nominal Pressure	1MPa~16MPa
防护等级 Ingress Protection	IP65
防爆等级 Ex-protected Design	Ex d II B T4 Gb
精度等级 Accuracy	±1.0%、±1.5%
介质温度 Medium Temperature	-20%~+80℃, 蒸汽 vapors ≤350℃
工作电源 Power Supply	DC24V、3.6V 内供电池 Internal Battery
输出信号 Output Signal	4~20mA、RS485 (Modbus RTU)、脉冲/频率 Pulse/Frequency output
适用介质 Suitable Media	天然气、城市煤气、丙烷、工业惰性气体等气体和蒸气 Natural Gas, City Gas, Propane, Industrial inert gases and other gases and vapors



ALS-U型气体超声流量计 Series Gas Ultrasonic Flow Meter

型号 Product Code	ALS-U (DN80~DN250)	ALS-U (DN25~DN50)	ALS-U-B (插入式 Insertion)
公称通径 Nominal Diameter	DN80~DN250	DN25~DN50	DN25~DN2800
压力等级 Nominal Pressure	0~1.6MPa		1.0MPa~6.4MPa
流速范围 Flow Velocity Range	0.03m/s~120m/s		0m/s~±12m/s
防护等级 Ingress Protection	IP67		传感器 Sensor: IP68 变送器 Converter: IP66
防爆等级 Ex-protected Design	Ex d mb II C T5/T6 Gb		Ex ib II B T4 Gb
精度等级 Accuracy	±1.0%、±1.5%		
介质温度 Medium Temperature	-20℃~60℃		
工作电源 Power Supply	AC220V、DC24V、3.6V 内供电池 Internal Battery		
输出信号 Output Signal	4~20mA、RS485(Modbus RTU)、脉冲/频率 Pulse/Frequency output		
适用介质 Suitable Media	气体 Gas		





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