

Your Trusted Industry Partner in Oil and Gas Drilling Technology

**Cable Assembly
Junction Box
HS® Sensor**

和晟嘉信（北京）科技有限公司
Hesheng Jiaxin (Beijing) Technology Co., Ltd



ABOUT US

4,000m²

Manufacturing Facility

500+

Projects

40 million

CNY Total Sales

100+

Employees



Who Are We

Hesheng Jiaxin (Beijing) Technology Co., Ltd (HESHENG) is a distinguished high-technology enterprise established in 2018 in Beijing, China. Our core mission revolves around delivering bespoke technical solutions within the realm of oil drilling alongside high-end instrumentation equipment manufacturing, customization, automation, and technical services.



As your trusted ally, we specialize in providing cutting-edge solutions prioritizing **SAFETY, INTELLIGENCE,** and **STABILITY**. Our integrated products are meticulously designed to support customers in optimizing processes and elevating product standards, ensuring operational excellence and client satisfaction.



HSJXFA



OUR PRODUCTS

01



Cable Assembly

02



Junction Box

03



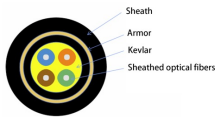
HS® Sensor

Safe, stable connections and reliable performance in extreme operating conditions.

P/N F2404CAHSAFTS04

- The [Armored Fiber Optic Cable Assy] uses multi-mode optical fiber and can be equipped with different types of connectors according to the technical specifications as required.
- Option: Adaptable to Amphenol fiber optic cable connector.

Our products are customized to suit your needs!



BZKZ-ZK-4C-OM1-0.9-9.5



Cable		Connector
Manufacturer	HSLink	HSLink
Type	Multi-Mode Duplex 62.5 μm/125 μm, 4 Core, Armored	
Outer Diameter	9.5mm±0.3	
Outer Jacket	LSZH	
Tensile Element	Kevlar	
Braided Material	Stainless Steel	
Fiber Outer Diameter	0.9mm	
Temperature	Operating	-40~70°C
	Installation	-20~60°C
	Storage	-40~70°C
Attenuation	≤3.5dB/km (850nm); ≤1.5dB/km (1300nm)	
Allowable Tensile Force	Long-term 450N; Short-term 1400N	
Allowable Flattening Force	1800N/10cm	
Bending Radius (CM):	Long-term: 10D	
	Short-term: 20D	
IP Classification	IP67	

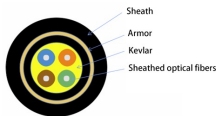
- Connection method options: ST-ST, Wall Socket-Wall Socket, Pin-Pin, ST-Wall Socket, ST-Pin, Pin-Wall Socket

HS P/N	Size(ft)
F2404CAHSAFTS04-10FT	10
F2404CAHSAFTS04-50FT	50
F2404CAHSAFTS04-100FT	100
F2404CAHSAFTS04-200FT	200
F2404CAHSAFTS04-600FT	600

P/N F2404CAHSAFSP04

- The [Armored Fiber Optic Cable Assy] uses multi-mode optical fiber and can be equipped with different types of connectors according to the technical specifications as required.
- Option: Adaptable to Amphenol fiber optic cable connector.

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BZKZ-ZK-4C-OM1-0.9-9.5



Cable		Connector
Manufacturer	HSLink	
Type	Multi-Mode Duplex 62.5 μm/125 μm, 4 Core, Armored	YZG-II 04S-4ST
Outer Diameter	9.5mm±0.3	
Outer Jacket	LSZH	
Tensile Element	Kevlar	
Braided Material	Stainless Steel	
Fiber Outer Diameter	0.9mm	
Temperature	Operating	-40~70°C
	Installation	-20~60°C
	Storage	-40~70°C
Attenuation	≤3.5dB/km (850nm); ≤1.5dB/km (1300nm)	
Allowable Tensile Force	Long-term 450N; Short-term 1400N	
Allowable Flattening Force	1800N/10cm	
Bending Radius (CM):	Long-term: 10D	
	Short-term: 20D	
IP Classification	IP67	

- Connection method options: ST-ST, Wall Socket-Wall Socket, Pin-Pin, ST-Wall Socket, ST-Pin, Pin-Wall Socket

HS P/N	Size(ft)
F2404CAHSAFSP04-10FT	10
F2404CAHSAFSP04-50FT	50
F2404CAHSAFSP04-100FT	100
F2404CAHSAFSP04-200FT	200
F2404CAHSAFSP04-600FT	600

3 Conductor Cable Assy

Cable Assembly

P/N C2403CUTSAF04NP

- The [3 Conductor Cable Assy] employs low-smoke halogen-free flame-retardant cables and can be paired with various types of connectors according to technical specifications and requirements.

Our products are customized to suit your needs!



WDZ-DCYJ-ZP-H 3x20AWG



	Cable	Connector
Manufacturer	Testeck	Amphenol 10-072614-02P
Type	3x20 AWG	250 V; 20 AWG; 13A
Positions		4 PN/SN
Temperature	-40~90°C	-55~125°C
Dielectric Strength Level	0.6/1KV	
Fire Resistance	Low Smoke, Zero Halogen, Flame Retardant	
Certification	CE	ATEX, UL, CSA, IECex
IP Classification		IP67

- Utilizing welding techniques, customizable according to requirements
- Optional: UL and IEEE 1580 standard cables with a temperature resistance range of -40 to 125° C

HS P/N	Size(ft)
C2403CUTSAF04NP-10FT	10
C2403CUTSAF04NP-50FT	50
C2403CUTSAF04NP-100FT	100
C2403CUTSAF04NP-200FT	200
C2403CUTSAF04NP-600FT	600



4 Conductor Cable Assy

Cable Assembly

P/N C2404CUTSAF05NP

- The [4 Conductor Cable Assy] employs low-smoke halogen-free flame-retardant cables and can be paired with various types of connectors according to technical specifications and requirements.

Our products are customized to suit your needs!



WDZ-DCYJ-ZP-H 4x20AWG



	Cable	Connector
Manufacturer	Testeck	Amphenol MS3106E14S-5P
Type	4x20 AWG	250V; 20A WG; 13A
Positions		5 PN/SN
Temperature	-40~90°C	-55~125°C
Dielectric Strength Level	0.6/1KV	
Fire Resistance	Low Smoke, Zero Halogen, Flame Retardant	
Certification	CE	ATEX, UL, CSA, IECex
IP Classification		IP67

- Utilizing welding techniques, customizable according to requirements
- Optional: UL and IEEE 1580 standard cables with a temperature resistance range of -40 to 125° C

HS P/N	Size(ft)
C2404CUTSAF05NP-10FT	10
C2404CUTSAF05NP-50FT	50
C2404CUTSAF05NP-100FT	100
C2404CUTSAF05NP-200FT	200
C2404CUTSAF05NP-600FT	600



4 Conductor Encoder Cable Assy

Cable Assembly

P/N C2404CUTSAF07NP

- The [4 Conductor Encoder Cable Assy] employs low-smoke halogen-free flame-retardant cables and can be paired with various types of connectors according to technical specifications and requirements.

Our products are customized to suit your needs!



WDZ-DCYJ-ZP-H 4x20AWG



	Cable	Connector
Manufacturer	Testeck	Amphenol 10-069416-01P MS3106E-16S-1S
Type	4x20 AWG	700V; 20 AWG; 13A
Positions		7 PN/SN
Temperature	-40~90°C	
Dielectric Strength Level	0.6/1KV	
Fire Resistance	Low Smoke, Zero Halogen, Flame Retardant	
Certification	CE	ATEX, UL, CSA, IECex
IP Classification	IP54	

- Utilizing welding techniques, customizable according to requirements
- Optional: UL and IEEE 1580 standard cables with a temperature resistance range of -40 to 125° C

HS P/N	Size(ft)
C2404CUTSAF07NP-10FT	10
C2404CUTSAF07NP-50FT	50
C2404CUTSAF07NP-100FT	100
C2404CUTSAF07NP-200FT	200
C2404CUTSAF07NP-600FT	600



12 Pairs Conductor Cable Assy

Cable Assembly

P/N C2412PUTSAF37PS

- The [12 Pairs Conductor Cable Assy] employs low-smoke halogen-free flame-retardant cables and can be paired with various types of connectors according to technical specifications and requirements.

Our products are customized to suit your needs!



WDZ-DCYJ-FP-H 12x2x18AWG

	Cable	Connector
Manufacturer	Testeck	Amphenol ZREPKL-16-24-371PN/SN
Type	12x2x18AWG	ELECTRICAL; SQUARE; FLANGE;MALE(PIN);600V; 16 AWG;24;BASKET WEAVE CABLE GRIP
Positions		37 PN/SN
Temperature	-40~90°C	-55~125°C
Dielectric Strength Level	0.6/1KV	
Fire Resistance	Low Smoke, Zero Halogen, Flame Retardant	
Certification	CE	ATEX, UL, CSA, IECex
IP Classification		IP68

- Utilizing welding techniques, customizable according to requirements
- Optional: UL and IEEE 1580 standard cables with a temperature resistance range of -40 to 125° C

HS P/N	Size(ft)
C2412PUTSAF37PS-10FT	10
C2412PUTSAF37PS-50FT	50
C2412PUTSAF37PS-100FT	100
C2412PUTSAF37PS-200FT	200
C2412PUTSAF37PS-600FT	600

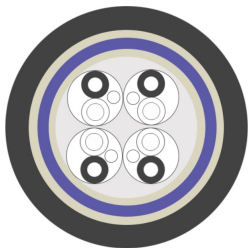


4 Pairs Conductor Cable

P/N C2404PUTS

- This cable specification is designed for use in drilling and offshore platform environments, referencing IEEE1580 and UL1309 standards. It has a temperature range of -40° C - 90° C and features flexibility, oil resistance, corrosion resistance, UV resistance, and flame retardancy.

Our products are customized to suit your needs!



WDZ-DCYJ-ZP-H 4x2x18AWG

Features	
Manufacturer	Testeck
Type	4x2x18 AWG
Temperature	-40~90°C
Dielectric Strength Level	0.6/1KV
Fire Resistance	Low Smoke, Zero Halogen, Flame Retardant
Certification	CE
- Utilizing welding techniques, customizable according to requirements - Optional: UL and IEEE 1580 standard cables with a temperature resistance range of -40 to 125° C	

HS P/N	Size(ft)
C2404PUTS-10FT	10
C2404PUTS-50FT	50
C2404PUTS-100FT	100
C2404PUTS-200FT	200
C2404PUTS-600FT	600



3 Conductor Armored Power Cable Assy

P/N: C2403PATSJH04SP

Our products are customized to suit your needs!



WDZ-DCYJ-ZP-H 3x16AWG

	Cable	Connector
Manufacturer	Testeck	AVIC JONHON Exn8YZ16A4K(ZY)
Type	3x16AWG, Armored	600V, 16A
Positions		4 PN/SN
Temperature	-40~90°C	
Dielectric Strength Level	0.6/1KV	
Fire Resistance	Low Smoke, Zero Halogen, Flame Retardant	
Certification	CE	CCC, Ex
IP Classification		IP67
- Utilizing welding techniques, customizable according to requirements - In the future, we will develop new UL and IEEE-certified 1580 standard cables with a temperature resistance range of -40 to 125° C. - Connection method options: Wall Socket-Wall Socket, Pin-Pin, Pin-Wall Socket		

HS P/N	Size(ft)
C2403PATSJH04SP-10FT	10
C2403PATSJH04SP-50FT	50
C2403PATSJH04SP-100FT	100
C2403PATSJH04SP-200FT	200
C2403PATSJH04SP-600FT	600



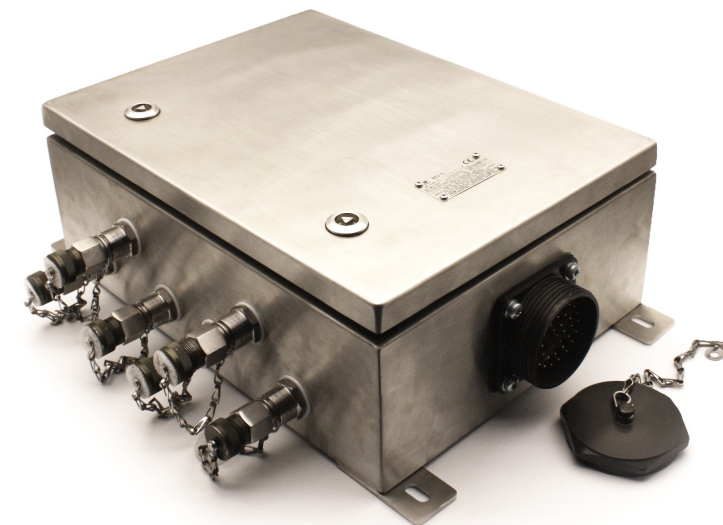
Terminal Junction Box

J-box Assembly

P/N: B24T-304015-01

- Enclosure is made of SS304, 1.5mm thickness
- Degree of protection: IP66
- Rated voltage:Max.500V AC,50Hz
- Internal & External earth
- Internal fastener: SS304
- Exposed fastener: SS304
- Nameplate: SS304
- With mounting plate: Al-Zn plate t=2mm

Name	Manufacturer	Type
Gran	WAROM	DQM-III M25×1.5A
Gran	WAROM	DQM-II M20×1.5B
RCPT Socket	Amphenol	10-069414-02S
RCPT Part	Amphenol	MS25043-14D
Terminal Row	Weidmuller	SAK 2.5EN
Gran Plate	Custom	Alternative Reference
BOX	WAROM	IP56/SUS304 300* 400*150
Gran	WAROM	DQM-III M25×1.5A
Gran	WAROM	DQM-II M20×1.5B



P/N: B24T-304015-02

- Enclosure is made of SS304, 1.5mm thickness
- Degree of protection: IP66
- Rated voltage:Max.500V AC,50Hz
- Internal & External earth
- Internal fastener: SS304
- Exposed fastener: SS304
- Nameplate: SS304
- With mounting plate: Al-Zn plate t=2mm

Name	Manufacturer	Type
BOX	WAROM	BXJ-S-IV, 300*400*150
Gran plate	Customized	280*105*3mm、 SUS304
Gran plate	Customized	250*105*3mm、 SUS304
Gran	WAROM	M20*1.5(M)/NPT1/2(F)
Plug	WAROM	BPT-NPT1/2
Terminal Row	IDEC	BNH15MW
Terminal Row	IDEC	BNE15W
Terminal Row	IDEC	BNL6
Fixing frame	Weidmuller	SAKEW 35

HS P/N	Features
B24T-304015-03	Mud Pit Area, 011 Assembly
B24T-304015-04	Mud Pit Area, 72 TERM



Our products are customized to suit your needs!

Electro-Hydraulic Transmitter Junction Box

J-box Assembly

P/N: B24EH-303015-01

- 4-20MA, 1K/5K/7.5K/7.5K/7.5K

Our products are customized to suit your needs!



Name	Manufacturer	Type
Pressure Sensor	TURCK	PT1000PSIG-2003-IX-H1143
Pressure Sensor	TURCK	PT5000PSIG-2003-IX-H1143
Pressure Sensor	TURCK	PT7500PSIG-2003-IX-H1143
Connector assembly	TURCK	RKS4T-2/TXL
Hydraulic connector	Swagelok	SS-400-11-4
Hydraulic connector	Swagelok	SS-4-TA-7-4
BOX	Customized	300×300×150mm SUS304

HS P/N	Features
B24EH-303015-02	3 channel UL 1K,5K, 10K
B24EH-303015-03	4-20MA,5K/5K
B24EH-303015-04	4-20MA,1K/1K/5K
B24EH-303015-05	4-20MA,1K/5K/7.5K/7.5K
B24EH-303015-06	4-20MA,500/1K/5K/7.5K



P/N: B24RI-304015-01

- Used for collecting signals in solid control area before entering RIOS
- Enclosure is made of SS304, 1.5mm thickness
- Ex-mark: II2 G Ex e IIC T6 or T5 Gb
- Degree of protection: IP66
- Rated voltage:Max.500V AC,50Hz
- Internal & External earth
- Internal fastener: SS304
- Nameplate: SS304

Our products are customized to suit your needs!



Name	Manufacturer	Type
Gran	WAROM	DQM-II M20×1.5A
Gran	WAROM	DQM-III M32*1.5C
RCPT Pin	Amphenol	ZREPKL-16-24-371PN
RCPT Socket	Amphenol	10-069414-02S
RCPT Part	Amphenol	MS25043-14D
Terminal Row	Weidmuller	SAK 2.5EN
Gran Plate	Custom	Alternative Reference
BOX	WAROM	IP66/SUS304 Size 300*400*150 mm

HS P/N	Features
B24RI-304015-02	J-Box-017 Assembly for RIOS



Fiber Optical Switch Junction Box

J-box Assembly

P/N: B24F-303015-01

Name	Manufacturer	Type
Repeater	MOXA	EDS-309-3M-ST
DC Power	MW	MDR-20-24
Gran	WAROM	DQM-II M20*1.5B
Gran	WAROM	DQM-III M25*1.5A
BOX	WAROM	IEC-Ex Ex e IIC Gb, IP56/SUS304

P/N: B24F-303015-02

Name	Manufacturer	Type
Switch	MOXA	EDS-208A-MM-ST
DC Power	MW	MDR-20-24
Terminal row	Weidmuller	SAK 2.5EN
Gran	WAROM	DQM-II M20*1.5B
Gran	WAROM	DQM-III M25*1.5A
BOX	WAROM	IEC-Ex Ex e IIC Gb, IP56/SUS304

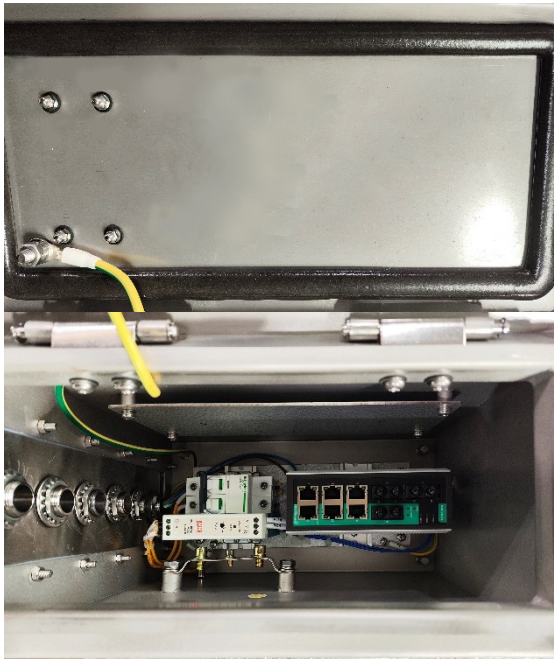
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Switch

- 0/100BaseT(X) (RJ45 connector), 100BaseFX (multi/single-mode, ST connector);
- Redundant dual 12/24/48 VDC power inputs;
- IP30 aluminum housing;
- Rugged hardware design well suited for hazardous locations (Class 1 Div. 2/ATEX Zone 2);
- -40 to 75°C operating temperature range (-T models) ;

Box

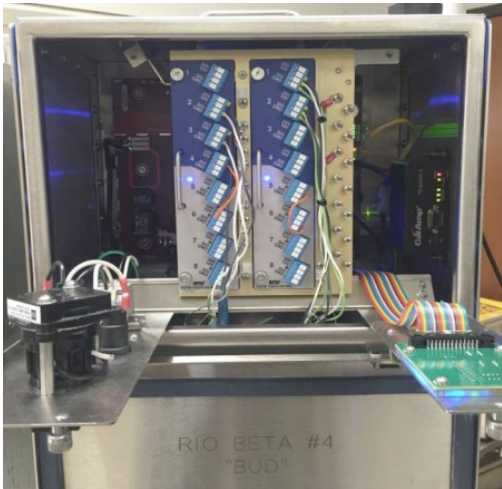
- Enclosure in SS304, 1.5mm thickness;
- Explosion-proof certification: IEC-Ex Ex e IIC Gb;
- Degree of protection: IP56;
- Rated Voltage: Max.500V AC, 50Hz;
- Internal & external earth;
- Internal fasteners: SS304;
- Exposed fasteners: SS304;
- Nameplate: SS304;
- Gland plate: SS304, 3mm thickness;
- With mounting plate: Al-Zn coated plate;
- Cable gland: SS304, unarmored, cable wiring;
- Plug & Gran: SS304;
- With earth bar;
- Ground connection with enclosure, door, and gland plate;
- Mounting plate: Al-Zn-plated Steel Sheet
- Box dimensions: 300*300*150 mm



Remote IO System (RIOS)

J-box Assembly

- RIOS (remote IO system) is a separate enclosed system that serves as an expansion to the main System 10 DAQ, allowing for up to 16 additional intrinsically safe sensor connections for data collection. Raw sensor data is processed locally at the RIOS unit and broadcast digitally to the main DAQ via Ethernet -based communications (copper, fiber, 900 Mhz/ 2.4 GH z wireless). This modular approach allows the incremental installation of up to 5 RIOS units wirelessly and 10 via fiber



Features
Up to 16 software configurable Intrinsically Safe I/O
Analog In/Out -0-20 mA, 0-15 V, 0-12 V out
Digital In./Out, Pulse Rate , PWM
100 HZ sensor sampling and channel processing capability
1 Hz to 100 Hz DAQ <-> RIOS communications
Scalable system with up to 10 RIOS units connected to the main System 10 DAQ
Ethernet based communications to main System 10 DAQ unit
900 mhz, 2.4 Ghz and fiber options available
Modular hardware approach allows for fast replacement of individual failed parts
IP66 NEMA 4X, NEMA 250 enclosure
-40C to +60C operation
Worldwide Certifications (depending on configuration) ATEX Zone 2, IECEx Zone 2, UL US Class1 Div2 (zone 2), UL CA Class1 Div2 (zone 2)



Explosion-proof Monitor

Explosion Proof

P/N: EP24YTJ-A-MT

P/N:EP24YTJ-A-KB

- The product is an embedded explosion-proof terminal device that can be operated via touchscreen, keyboard, and mouse. The product utilizes industrial-grade driver boards, industrial-grade KVM, and high-resolution displays. As an operational terminal used in explosion-proof environments, its explosion-proof performance and data processing speed can meet the needs of most users.

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Technical Data:		
Hardware Metrics	Display Screen	15/15. 6/17/17. 3/18. 5/19/21.5/23.8
	Split Rate	1024*768/1280*1024/1920*1080
	Brightness	250cd/m2--800 cd/m2
	Backlight	LED
	LCD Life	50,000 hours
	Touchscreen Signal Interface	USB/RS232
	Driver Board Signal Interface	VGA/DVI /HDMI/DP
	KVM Transmission Signal Interface	Network cable/optical fiber
Environmental Specifications	Driver Software	PenMount- Windows- Universal- Driver- V2. 5. 0. 402 -WHQL (Suitable for resistive screens)
	If the operating temperature range is exceeded, the product may be damaged, or the product will not work	
	Operating Temperature	Regular: -10--+50°C, wide temperature range: -45--+60°C
	Storage Temperature	Regular: -20--+60°C, wide temperature range: -45--+60°C
Electrical Specifications	Ambient Humidity	10—90%RH (non-condensing)
	If the input voltage is out of range or if the positive and negative poles are misconnected, the product may be damaged.	
	Rated Power	Max100W
	Rated Voltage	AC100—240V /DC12—24V
	Electrical Interfaces	2 --6 M20*1.5 explosion-proof sealed joints
	IP	IP66/ IP65



P/N S24EH-TU-00500

- Electro-hydraulic transmitter: (4~20mA),500PSI
- Manufacturer: **TURCK**, PT5000PSIG-2003-IX-H1143

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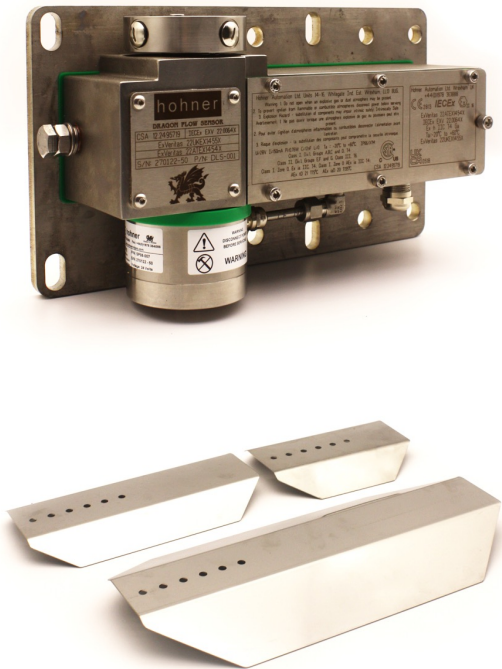


HS P/N	Pressure
S24EH-TU-01000	1000 PSI
S24EH-TU-02000	2000 PSI
S24EH-TU-05000	5000 PSI
S24EH-TU-07500	7500 PSI
S24EH-TU-10000	10000 PSI
S24EH-TU-14500	14500 PSI

Features	
Pressure Range	Relative pressure : 0...500 psi
	Admissible overpressure: ≤ 120 bar
	Burst pressure: ≥240 bar
	Response time: < 2 ms, typ. 1 ms
	Long-term stability: 0.25% FS, according to IEC EN 60770-1
Power Supply	Operating voltage: 10...30 VDC
	Current consumption: ≤23 mA
	Short-circuit/reverse polarity protection: yes / yes
	Protection type and class: IP67 / III
Outputs	Insulation voltage: 750 VDC
	Output 1: Analog output
	Current output: 4...20 mA
Analog Output	Operating range: 4...20 mA (2-wire)
	Load: ≤(Supply voltage -10)/20 kΩ
	Resolution: < ±0.1 % FS
	Accuracy LHR: ± 0.3 % FS BSL
Temperature Behavior	Medium temperature: -30...+120 °C
	Temperature coefficient: ± 0.2 % of full scale/10 K
	Ambient temperature: -25...+85 °C
Ambient Conditions	Storage temperature: -50...+100 °C
	Vibration resistance: 20 g, 15...2000 Hz, 15...25 Hz with amplitude +/-15mm acc. to IEC 68-2-6
	Shock resistance: 100 g, 11 ms, half sinusoidal curve, all 6 directions,
	Free fall from 1 m onto concrete (6x) , acc. to IEC68-2-27
For intrinsically safe applications, the values specified in the corresponding EX certificates (ATEX, IECEx,UL etc.) apply.	
Ex approval acc. to conformity certificate: SEV 16 ATEX 0145	
Application area: II 1/2 GD	
Ignition protection category: Gas Ex ia IIC; dust Ex ia IIIC	

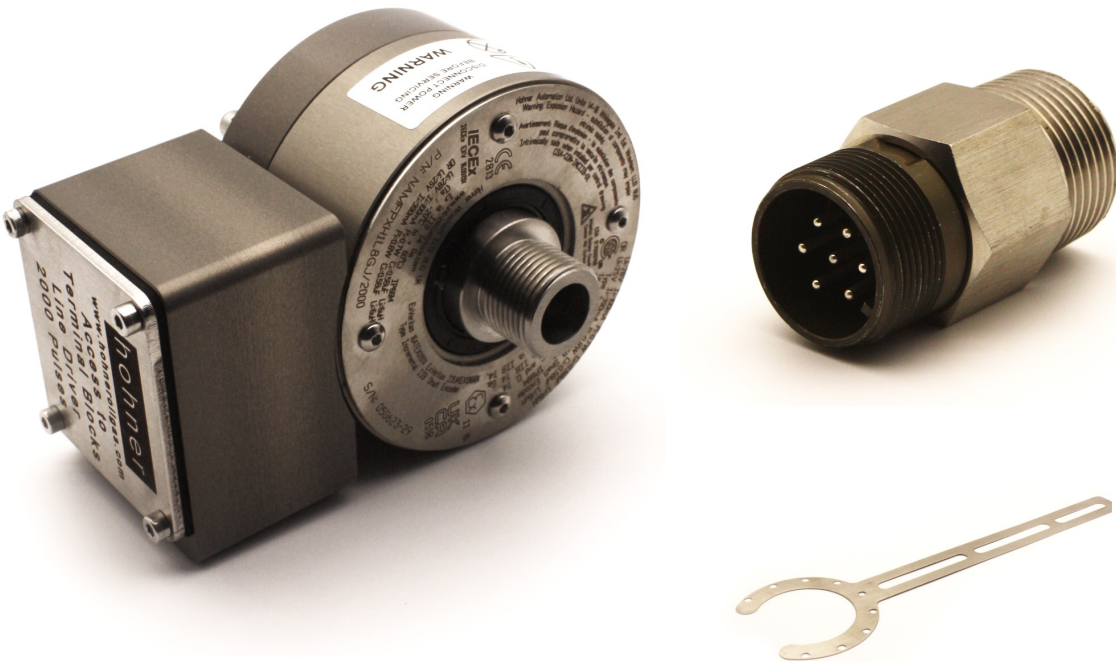
P/N: S24MF-HH-001/020

- Mud Flow Sensor Assembly: Included mounting bracket, blind plate, gland, etc.



Features	
Type	Hohner DLS-001/020
Output	4...20 mA 2 wire current loop output
Precision	8 absolute bits / 256 steps,
	Per the 90 degrees within 16mA
	Equivalent to 1 degree has 0.177mA、 0.177mA has 2.84 steps
Operating temp	Operating temp: - 20 ...+60°C
Weight	26 lbs (12 kg)
Protection	IP 66 / X7 M
Materials Encoder	Stainless Steel
Material Chassis	Stainless Steel
Material Paddles	Stainless Steel
Material Spring	Stainless Steel
Pressure Rating	5 bar
Note	Common design of mounting base.
Certification	Zone 0 Ex ia IIC Certified ATEX, IECEx, CSA

P/N: S24WE-HH-2000



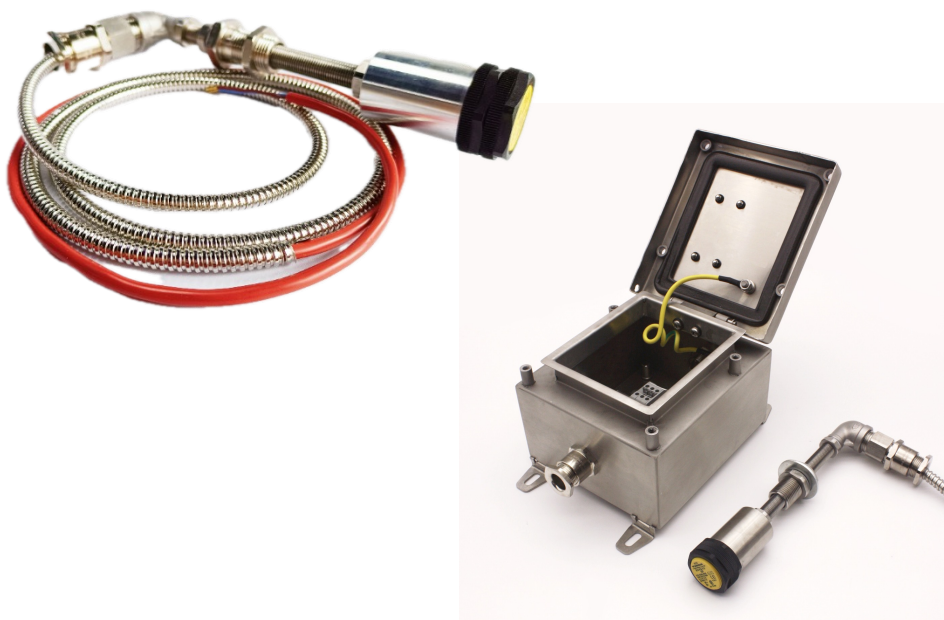
Features	
Manufacturer	HOHNER
Type	NAMFPXH1L8GJ/2000 Incremental IIB Shaft Encoder
Temperature	-20-+60°C
Voltage	5-24V
IP	IP66M
Certification	CE, IECEx, CSA, Ex, UKCA0518
Ui=28V li=100mA Pi=0.7W Ci=0.58uF Li=6uH	

Proximity Sensor

P/N: S24P-TU-01

- Proximity sensor: a non-contact and wear-free way to detect metal objects.
- Model: BI10-P30-Y1X/S97
- Supporting Explosion-Proof Junction Box: IECEx class 1, zone 2 Explosion-Proof Certification.

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Features	
Type	TURCK BI10-P30-Y1X/S97
Output	
Rated switching distance(Sn)	10mm
Safe working distance	$\leq (0.81 \times S_n)$ mm
Correction Factor	#37 Steel=1; Aluminum=0.3; Stainless Steel=0.7; Brass=0.4
Repeatability	$\leq 2\%$ of full scale
Temperature Drift	$\leq \pm 10\%$
Hysteresis	1...10%
Working Temperature	-40-+70°C
Output Performance	2 lines NAMUR
Switching Frequency	0.5kHz
Voltage	Nom. 8.2VDC
No excitation current loss	≥ 2.1 mA
Excitation current loss:	≤ 1.2 mA
Compliance certification	KEMA 02 ATEX 1090X
Design	Threads, M30×1.5
Size	44mm
Shell Material	Plastic, PA12-GF30
Sensing Surface Material	Plastic, PA12-GF30
Bottom Cap	Plastic, Trogamid T
Maximum Torque	5Nm
Cable Material	φ5.2mm, SiHSi, Silicone Organic Resin, 2m
Cable Cross Section	2×0.5mm ²
Anti Vibration	55Hz(1mm)
Impact Resistance	30g(11ms)
Degree of Protection	IP67
Box	170*150*110mm SUS304

Integrated Ultrasonic Level Sensor



HS® Sensor

P/N: S24IUL-SM-01/02

- Integral small range ultrasonic liquid level meter. The two-wire system, 4-20 mA circuit power supply, is suitable for liquids in open or closed containers. Its body size has a maximum range of 5 meters.



Customized Frame

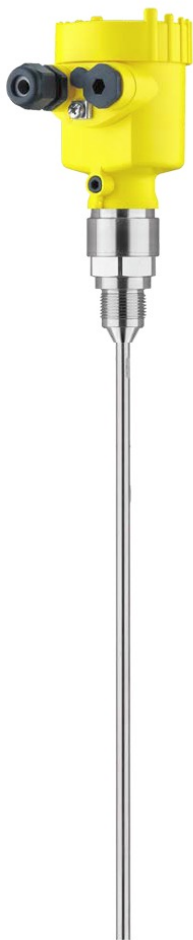


Features	
Manufacturer	SIEMENS
Type	LU180/ LU240
Input	Measuring range Frequency: 0.25 ... 5 m/12m(0.8 ... 16.4 ft) Frequency: 54 kHz
Output	4 ... 20 mA, Proportional/ inversely proportional, 600 Ω in the loop at 24 V DC
Power Supply	12 ... 30 V DC, 0.1 A surge 0.75 W (25 mA at 24 V DC)
Certificate	CSA, ATEX , UKEX, IECEx , NEPSI Ex
Accuracy	Error in measurement: 0.25 % of measuring range (in air) Resolution: 3mm(0.125 inch)
Beam Angle	12°
Ambient Temperature	Standard: -40 ... +60 °C (-40 ... +140 °F) Metallic mounting: -20 ... +60 °C (-4 ... +140 °F)
Weight	1.3 kg (2.9 lb)
Material	Electronics enclosure • Transducer: PBT Transducer: PVDF copolymer IP68 / NEMA 6 / TYPE 6
Degree Of Protection Process Connection	2" NPT [(Taper), ASME B1.20.1] • R 2" [(BSPT), EN 10226] G 2" [(BSPP), EN ISO 228-1] 4" sanitary
Flange Adapter Cable Inlet	3" Universal (fits DN 65, PN 10 and 3" ASME) 1 inlet for M20, optional 1/2" NPT
Level Sensor Brackets Base	Custom



P/N: S24IRL-VG-01

- The VEGAFLEX 81 level sensor-4... 20 mA/HART - Two-wire, rod, and rope measuring probes TDR sensors-measures maintenance-free all kinds of liquids, even in applications with vapor, buildup foam generation, and condensation.



Features	
Manufacturer	VEGA
Type	VEGAFLEX 81
Probe Length	11500mm
Measuring accuracy	± 2 mm
Certificate	ATEX , UKEX
Process Temperature	-40-150°C
Electronics	Two-wire 4 ... 20 mA/HART
Power Supply	9.6 ... 35 V DC
Protection	IP66/67
Material	Exchangeable cable (ø2mm) with gravity weight /316
Measuring accuracy	± 2 mm
Cable entry / Connection	M20x1.5 / Cable gland PA black (ø5-9mm)
Level Sensor Brackets Base	Custom

Temperature & Density Sensor

HS® Sensor

P/N S24TD-RO-01/02

- Temperature & Density Sensor, 4ft / 8ft (Including mounting bracket)

Our products are customized to suit your needs!



HS P/N	Size(ft)
S002104DT	4
S002108DT	8

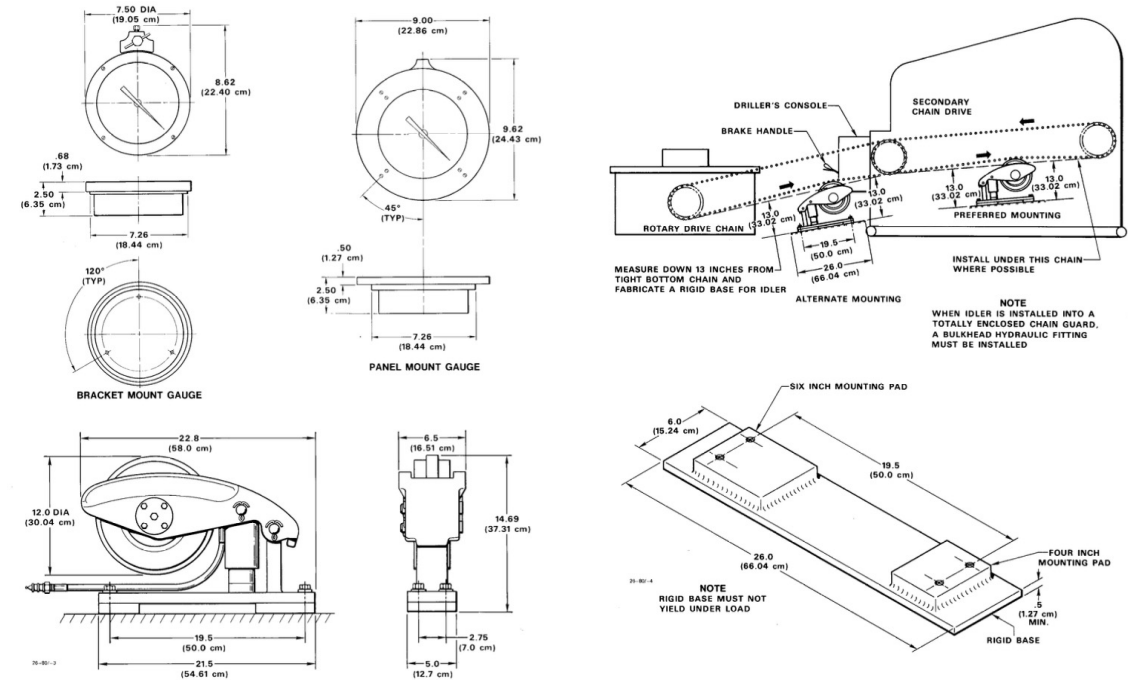


Part 1	
Manufacture	Emerson
Type	Rosemount 3051 Coplanar Pressure
Measurement Range	Up to 2000 psi (137,89 bar) differential
	Up to 2000 psig (137,89 bar) gage
	Up to 4000 psia (275,79 bar) absolute
Process Wetted Material	316L SST, Alloy C-276, Alloy 400, Tantalum, Gold-plated 316L SST, Gold-plated Alloy 400
Diagnostics	Basic Diagnostics, Process Alerts, Loop Integrity Diagnostics, Plugged Impulse Line Diagnostics
Wireless Update Rate	1 sec. to 60 min., user selectable
Power Module Life	Up to 10-year life, field replaceable (order separately)
Wireless Range	Internal antenna (225 m)
Certifications	IEC, NSF, NACE®, CSA, CE, ATEX
Part 2	
Manufacture	Emerson
Type	Rosemount 1199 Diaphragm Seal System
Seal System Type	Direct Mount, Remote Mount, Tune
Transmitter Connection	Welded-Repairable, All Welded
Process Connection	Flanged: ANSI/ASME, EN/DIN, GOST, & JIS
	Threaded: NPT, DIN, ISO
	Hygienic
Process Wetted Material	316L SST, Alloy C-276, Alloy 400, Tantalum, Gold-plated Alloy 400, Gold-plated 316L SST, Corrosion Shield PFA coated 316 SST, see PDS for full list of materials

P/N: S24HSIT-01

- HS® Idler Sensor 1.5 & 1.75 Dbl

Our products are customized to suit your needs!



Name	Manufacturer	Type
Idlers	HS Sensor	Customized processing
Hydraulic cylinder	HS Sensor	Customized processing
Hydraulic tubing	HS Sensor	Specification adaptation
Frame	HS Sensor	Customized processing

Conductivity Sensor

HS® Sensor

P/N: S24C-RO-01

- The 226 Large Bore Submersion/Insertion Toroidal Conductivity Sensor is molded of chemically-resistant glass-filled PEEK. The sensor includes an integral RTD for temperature compensation and 20 ft cable. The sensor is compatible with the 1056, 56, 54eC, 5081-T, 1066 and Xmt-T instruments. For improved EMI/RFI shielding, choose cable option -56.

Our products are customized to suit your needs!



Conductivity Sensor	
Type	Rosemount 226-02-56-80
Conductivity range	50 Ps/cm-1 S/cm
Process Connection	1-inch MNPT
Temperature	0°C - 120°C
Wetted Materials	Glass-filled PEEK
Pressure	295 psig (2135 kPa abs)
Cable length	20 ft (6.1 m)
Maximum cable length	200 ft (61 m)
Weight/shipping weight	2 lb/3 lb (1.0 kg/1.5 kg)
Certificate	ATEX & IECEx

Conductivity Transmitter	
Type	Rosemount 5081-T-HT-20-73
Hand-held infrared remote-control link to activate all the analyzer's functions	
NEMA 4X (IP65) weatherproof, corrosion-resistant enclosure.	
INTRINSICALLY SAFE DESIGN can be used in hazardous areas (with appropriate safety barrier)	
LARGE EASY TO READ two-line display	
Non-volatile EEPROM memory to hold data in event of power failure	





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