









We are and will strive to be the 'Engineer of Choice' offering latest instrumentation products & solution provider catering to the demands of the professionals.

It will be our endeavor to make our customers more productive and add value to their businesses as well as ours by identifying their needs and providing innovative and value adding products and solutions.

We want to be a renowned and respected organization in this field by having a global presence, giving due attention to product quality and developing an efficient after sales-service infrastructure.



MISSION

A strong reputation for achievement and transformation helps us deliver sustainable growth and profit.

WE ARE DELIGHTED TO WORK WITH























































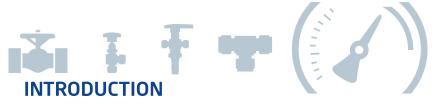


















The Corporation was established to drive the organization towards constantly adding world Class Corporation in the field of Instrumentation Controls, Automation, Valve Solution and Solar Energy in order to meet the expectation of customers and be in the front to face any challenge to meet customer expectation with a Motto.

"CLOSER TO THE CUSTOMER IS THE KEY TO SUCCESS"

SWME IN A GLIMPSE



VALUES

QUALITY IN STRUMENTS CREASED





nstrumentation & Process Control Equipment

Pressure

Temperature

Level

Flow

Pressure / Wireless / Smart / Differential Transmitter

Sensing: Direct digital capacitance sensing

Precision: Standard: 0.06%

High Precision performance: 0.045 %,

Ultra performance: 0.03% PID control Function



Kreen Jushis

KLEEV.











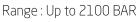


Stainless Steel Pressure Gauge

Nominal Size: 40 to 250 mm

Wetted Parts: AISI 316L SS, Monel 400

Accuracy: $\pm 0.25\%$ to $\pm 1.0\%$ F.S.





Ranges: Upto 2200 BAR G

Accuracy: ±0.25%



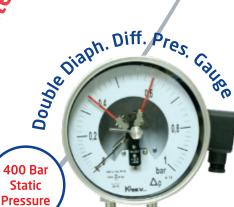
















Digital Pressure Transmitter with Switches & Controller

Electric Contact Type Switching Controls Gauge

Contact: SPST / SPDT





Nominal Size: 80 to 150 mm

Wetted Parts: AISI 316L SS / Monel 400 /

Hastelloy C / Titanium / Tantalum

Contact: SPDT / SPST / DPDT Micro Switch

Instrumentation & Process Control Equipment







Pressure

Temperature Flow

Level



















Range: 0.07 to 400 BAR

Switch: SPDT or DPDT (Snap Switch)



Range: 30 "Hg Vac to 6000 PSI Wide Variety of Sensor / Wetted Part Materials

Switch: SPDT, DPDT, or dual SPDT Output











Range: 1 to 12500 PSI MOC: AISI 316 SS Switch: SPDT or DPDT Hermetically Sealed





UE







One Series Safety Transmitter-Switch

Output: 4-20 mA Analog Display: Large Digital

Function: Pressure or Temperature Safety





Hydraulic Pressure Regulator (Wellhead Control Panel)

Connection Size: 1/4", 3/8" & 1/2" (F) Maximum Inlet Pressure: 10000 PSI (689 Bar) Seat: Metal & Soft Seat





Field Signal Converters









Pressure Safety Valve

Valve size: 1/8", 1/4", 1/2", 3/4", 1", M X F Connections: Threaded BSP / NPT MOC: AISI 316 SS / AISI 316L SS

Set pressure: 50 to 7250psig (3.4 bar to 500Bar)

nstrumentation & Process Control Equipment







Pressure Accessories







Flushing Ring

KLEEVUSA

Material of Construction: AISI 304 SS / AISI 316 SS / AISI 316L SS / Monel 400 / Hastelloy C / Tantalum / Inconel 625 etc.







Snubber

Diaphragm Seal

Manifolds



Material of Construction: AISI 304 SS / AISI 316 SS /





Three Valve Manifold



Two Valve Manifold

Fittings









Special Hardening Process on Back **Ferrules**



SANDVIK



Union

Size: 1/8" to 1" & 3 mm to 25mm Material of Construction: AISI 316 SS / AISI 316L SS / Super Duplex / Monel 400 / Inconel 625





Instrumentation Tubing







MOC: AISI 316 SS / AISI 316L SS / 316Ti / Super Duplex / Monel 400 / Inconel 625.



Smart / WirelessHART™ **Universal High-performance Transmitters**

Input: Thermocouple / RTD

Precision of 0.02% related to Span

Gas Filled Thermometer

Nominal Size: 100/125/150/250 mm

Range: -80 to 650°C Type: Rigid Stem / Capillary









Bimetal Thermometer

Nominal Size: 40 to 150 mm

Type: Bimetal





Industrial Thermometer

9" Scale, Adjustable Angle Stem

Range: -40 to 300°C



Thermowell BAR Stock - Flanged

RTD / Thermocouple

Sensor: PT100 / PT1000 / TC-Type-K/S/T

Enclosure : Die Cast Aluminium





nstrumentation & Process Control Equipment







Pressure

macnaught

Temperature

Flow

Level

Positive Displacement Flowmeter

Flow: 2 LPM - 1000 LPM (> 5 cps)

Port Size: 1/4" to 4"

Pressure Ratings: 150 PSI - 2000 PSI





For oils up to SAE 140, automatic trans fluids, engine oil, gear oil, hydraulic oil, coolant Dual outlets up to 10,350kPa (1500 PSI) pressure Flow rate up to 30LPM with ½" BSP (F) fluid inlet



Size: DN15 to DN100

MOC: AISI 316 SS / AISI 316L SS / Monel 400 / Hastalloy

Output: 4 - 20 Ma

Switch Output: SPDT / SPST / DPDT



Electromagnetic Flowmeter

Size: DN 6 - 2000 (1/4" to 80")









Rate-Master® **Polycarbonate Flowmeter**

2", 5" or 10" Scale



Type: Square Edge Concentric, Concentric Orifice Bore: In Accordance With ISO 5167,

BS 1042 ASME MFC 3m, R.W. Miller, L.K APINK, AGA-3



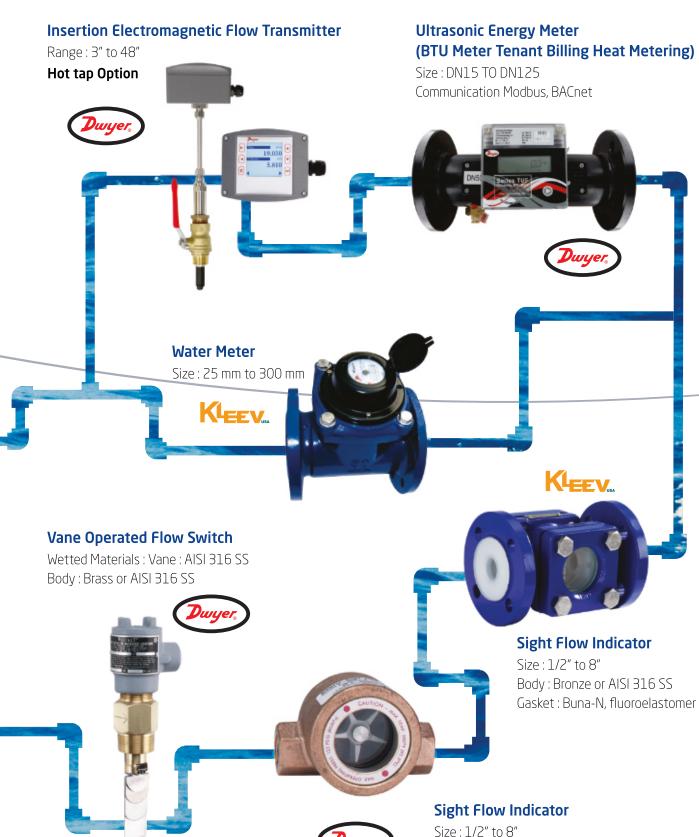
Instrumentation & Process Control Equipment Level







Pressure Temperature Flow



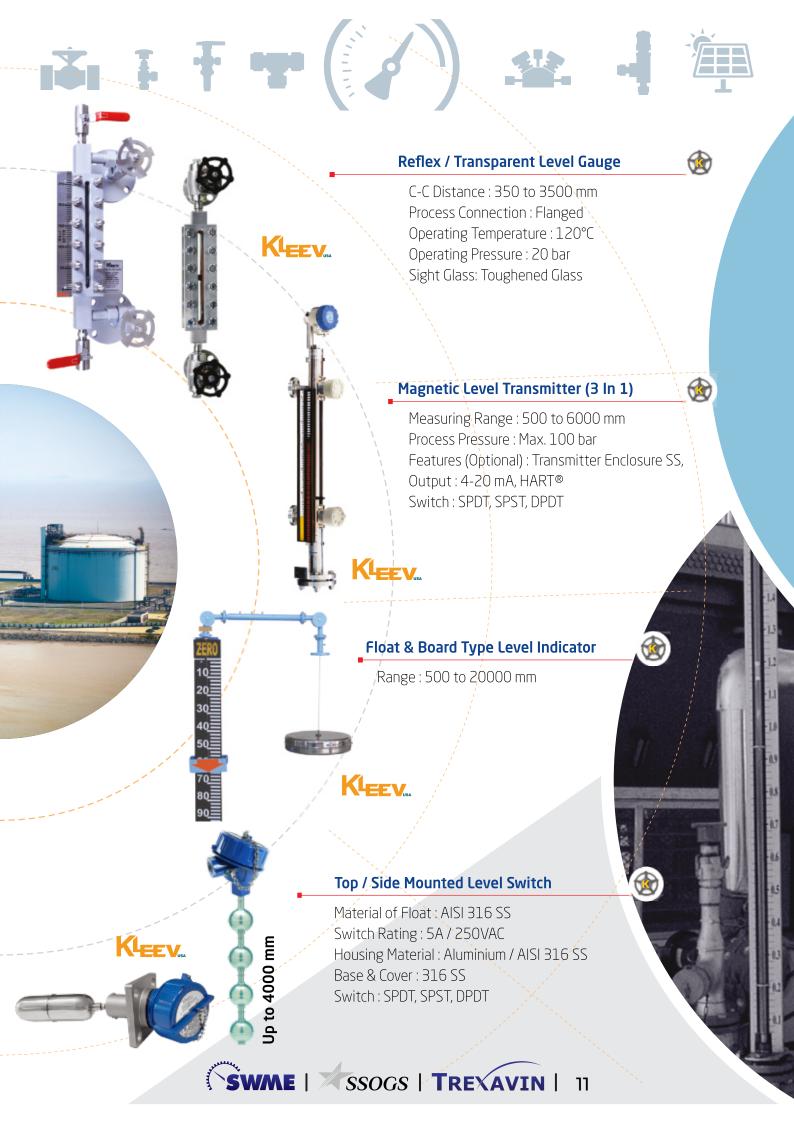
SWME | SSOGS | TREXAVIN | 9

Wetted Materials: Window: Tempered Glass

Gasket: Buna-N, fluoroelastomer or PTFE

Body: Bronze or AISI 316 SS





nstrumentation & Process Control Equipment







Calibration Instruments

AMETEK

Marine Temperature Calibrator

Range: -17 to 1205 DegC Accuracy: ±0.4 / 0.5 / 0.9 DegC Stability: ±0.5 / 0.1 DegC

Radial Homogenity: ±0.05 / 0.1 DegC Immersion Size: 19 / 26 X 100 / 120 mm



Hydraulic Hand Pump

Range: 0 to 700 BAR













Calibration Pump Low Pressure

Hydronic Differential Pressure Manometer Liquid & Gas Pressure Measurement,

Range: Vacuum to 72 psig

Accuracy: ±0.5% FS





Digital Manometer LEO Record (Ei)

Range: 0 to 1000 BAR



Comparison Test Pumps

Pressure: Upto 2000 PSI

Universal Indicator Cum Controller

Power Supply: 85V-265V AC Accuracy: 0.3% F.S. ±1 Digit





WirelessHART Gas Detector



Vanguard™ Wireless Gas Detector for Toxic and **Combustible Gases**

Wireless capability with WirelessHART® Easy calibration and operation

5+ year battery life*

Service: Toxic and Combustible Gas Detector































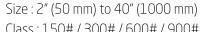




Globe Valve Size: 1/2" (15 mm) to 16" (400 mm) Class: 150# / 300# / 600# / 900# / 1500# / 2500# End: Flanges / Butt weld / Ring Joint Ends.

Design: B5-1873/B5-6364





Class: 150# / 300# / 600# / 900# / 1500# / 2500#

End: Flanges / Butt weld / Ring Joint Ends. Design: API-600/BS-1414/BS-6364

Gate Valve



Check Valve

Size: 2" (50 mm) to 24" (600 mm)

Class: 150# to 2500#

End: Flanges / Butt weld / Ring Joint Ends.

Design: BS-1868 / API 6D

Check Valve





Forged Gate, Globe & Check Valve

Size: 1/4" (8 mm) to 2" (50 mm) Class: 800#/ 1500# / 2500# End: Threaded / Socket Weld / Butt weld Ends.

Features: Bolted / Welded Bonnet, Cryogenic Valve, Ex. Bonnet Valve

BALL VALVE

Fire Safe, High Pressure Forged Ball Valve

Size: 1/4" (6 mm) to 30" (750 mm) Class: 150# to 2500# End: Flanged, Butt weld / Ring Joint / Socket Weld / Threaded Ends Design: API-6D / API 608 / BS EN ISO 17292





Triple Offset Butterfly Valve Size: 3" (75 mm) to 24" (600 mm)

BUTTERFLY VALVE

End: Wafer / Lug / Double Flanges

Design: API-609-B / BS 6364

Class: 150#/ 300#/ 600#

Special Material & Higher Sizes are also available on request.

















STRAINERS



Size: 2" (50 mm) to 24" (600mm)

Class: 150# to 600# End: Flanged Ends

"Y" Strainer

Size: 1/2" (15 mm) / 2" (50 mm) to 24" (600 mm)

Class: 150# to 2500#

End: Flanged / Butt Weld / Threaded / Socket Weld Ends

"T" Type Strainer









Basket (Simplex & Duplex) Strainer

Basket (Simplex & Duplex) Strainer

Size: 2" (50 mm) to 24" (600 mm)

Class: 150# to 600# End: Flanged / Butt Weld

Conical

Size: 1/2" (15 mm) to 24"(600 mm)

Class: 150# to 600#

Features: Strainer Screens - Perforated + Wire Mesh



Conical

Special Material & Higher Sizes are also available on request.















General Description

Brightech Valves and Controls Pvt. Limited, is an ISO 9001:2015 Certified Company with 25 years of in-depth Experience Confirming to Indian as well as International Quality Standard. We are engaged in manufacturing, Exporting and supplying a wide assortment of Industrial Instrumentation Valves and PTFE Lined Product to our esteemed customers.

Spring Loaded Safety Valve

- Design, Mfg. & Tested as per API, 520, 521, 526, ASME 527.
- Sizes available from 1" x 2" to 10" x 14"
- Pressure Rating: Upto 2500#
- Material of Construction: C.S. / AISI 304 SS / AISI 316 SS / G.M. / Alloy Steel

Pilot Operated Pressure / Safety Relief Valve

• Sizes Range: 1 X 2" to 10" X 14"

• Pressure Rating: Upto 400 BAR

 Material of Construction: Carbon Steel / Alloy Steel / Stainless Steel / Duplex Steel /

Monel / Hastelloys





Safety & Thermal Relief Valve

- Thermal Relief Valves (BTS-10 & BTS-11) are offered in Investment Casting
- Sizes available from 1/2" x1" to 2" x 2"
- Pressure Rating: Upto 2500#
- Material of Construction: C.S. / AISI 304 SS / AISI 316 SS / G.M. / Alloy Steel

Pressure Control Valve [Self Actuating]

• Self-Actuating / Pilot Operated Type, Cage Guided, Double Seated, Low Down-Strem Pressure Control Valve suitable to many types of Gas control.

- Soft Seating for Gas Application / Tight Stuff Off.
- Complete Gas Metering Skid consisting of Gas Filters, Isolation Valve, Pressure Control Valve, Slam, Shut-Off Valve, Safety Valve and Pressure Gauge
- Size Range: 1" to 6"

rightech



Pressure Reducing

Bri-Con

























Pneumatic / Motorized Control Valve

- Globe type, Single spring & Diaphragm Actuated, Throttling or On / Off Type Control Valve.
- Material of Construction: Carbon Steel, Alloy Steel, AISI 316 SS, Monel 400, Inconel 625
- Actuator Types : Direct / Reverse / Motorized Type
- Size Range: 1/2" to 20"
- Pressure Rating: Upto 2500#
- Accessories : Smart Positioner / Solenoid Valve / Limit Switch / AFR / Volume Booster / Quick Exhaust / Side & Top Mounted Hand wheel etc.



Automatic Control Valve



- Self Actuating, Hydraulically Diaphragm & Pilot Operated Design.
- By changing only the pilot / Tubing the ACV is able to perform a different functions like Pressure Reducing / Pressure Relief / NRV / Pump By-Pass / Booster Pump Control / Level Control / Solenoid Control (On-Off) / Flow Control / Digital set-stop & many more.
- Size Range: 1" to 16"
- Pressure Rating: Upto 300#

PTFE/PFA Lined Safety **Relief Valve**

PTFE/PFA Lined Valve



Flouro-Line

PLUG VALVE

Safe-Line

SAFETY RELIEF **VALVE**



Pressure Reducing Valve & **De-superheating Station**

• Self Actuating, Pilot & Piston / Robotrol Operated, Globe type, Top & Bottom Guided, Spring & Diaphragm Actuated Single seated Down Stream Pressure Control Valve.

• Size Range: 1" to 6"

• Material of Construction: Carbon Steel, Alloy Steel, AISI 316 SS

• Pressure Rating: 150#/300#

• Application : Steam / Air



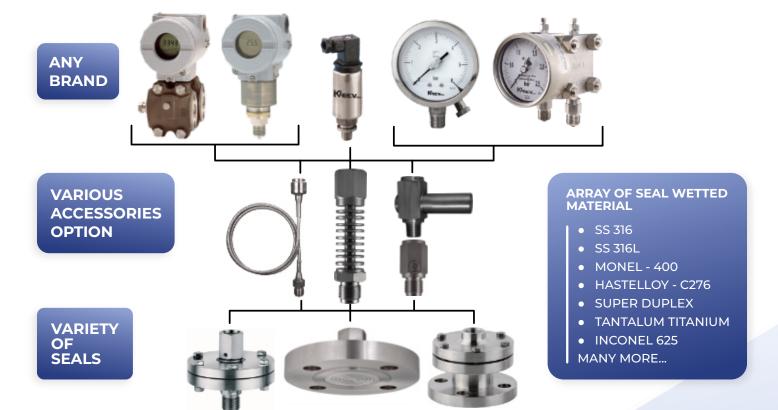












SEAL INTEGRATION COMBINATION

Repair work steps

- E-mail a photo and description of assembly to us.
- SWME will send a repair estimate.
- Upon receipt of the transmitter, SWME will verify transmitter function and confirm the repair estimate.
- The transmitter is filled with brand new diaphragm seal assembly and certified with calibration equipment. Typical turn around is only 5 days!
- The assembly is returned to the customer with 1-Year Limited Warranty on the diaphragm seal system.















As an authorized distributor of **Klengas Tech LLP Products**, which is an organization led by techno-commercial personnel with technocrats leading from the front, we have combined professional experience of over 55 years in the filtration and separation of processes and equipment across industries. Adept in application engineering, project engineering, execution, installation and commissioning, and application development. Lead and guide teams across geographies by providing innovative solutions in various industry segments.































Large Flow Filter

Media: PP, GF & Polyester Removal Rating: 0.2 ~ 500 µm

Diameter: 4.5" ~ 6" Length: 10" ~ 80"

Seals: Viton, EPDM, Silicone & FEP



Promax Filter

Media: PP, GF

Removal Rating: 0.2 ~ 200 µm

Diameter: 2.5" Length: 5" ~ 60"

Seals: Viton, EPDM, Silicone & FEP



Smitmann

Media: PP & GF

Removal Rating: 0.2 ~ 50 µm

Diameter: 6"

Length: 15" & 30"

Seals: Viton, EPDM, Silicone & FEP



Bag Filter

Media: PP, Nylon & GF Removal Rating: 1 ~ 200 µm Size: 4" & 7" Ø; 17" & 32" L Sealing Collar: PP, Polyester & Steel

Ring



Pleated Wire Mesh Filter

Media: SS304 / SS316 / SS316L Removal Rating: 5 ~ 500 µm

Diameter: 2" ~ 6" Length: 5" ~ 80"

Seals: Viton, EPDM, Silicone & FEP



Sintered Metal Powder Filter

Media: SS316 / SS316L Removal Rating: 0.2 ~ 50 µm

Diameter: 2" ~ 2.5" Length: 2.5" ~ 60"

Seals: Viton, EPDM, Silicone & FEP











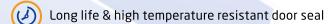






Welcome to the realm of safety and reliability in sheet metal explosion-proof enclosure manufacturing. We are an authorized distributor of **Kleev Middle East FZE**, which is a leading company dedicated to designing and manufacturing top-tier, customized ex-proof enclosures for a wide array of industries and applications. Which includes the empty terminal box and electrical equipment - Local Control Panel (LCP) and accessories.







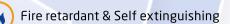














Semi-gloss external gelcoat finish

Sustomizable

High impact resistant-IK10

Non corrosive hardware

Anti-static

Material: Stainless Steel or Mild Steel **Surface:** Natural, brushed and Painted

Gasket: Silicone

Ingress Protection: IP 66 in acc. With IEC 60529

Operating Temperature: -35°C ~ 160°C **Area Classification:** Zone 1/2/21/22

Accessories: Gland Plate, Mounting Plate, Breather / Drain Plug













As an authorized distributor of **Kleev Middle East FZE's** products, which consist of panel building & hardware integration of Industrial Control Panels for clients in a wide range of industries. KLEEV 's technical teams throughout the region have the required expertise for the design, procurement, and assembly of control panels and the associated integrated electrical equipment.

Kleev's Panel Assembly can be part of a turn-key project or an individual service based on customer requirements. To ensure quality, all panels must pass through quality control (QC) before shipment.



Wiring

Cut to length, labeled, and placed into individual harnesses with exacting precision that's Systems Control. Every connection we make is functional and durable with outstanding craftsmanship.



We have Professional Engineers prepared to handle your critical design projects. Our team will work with you, from inception to installation.





Fabrication

After finalising the custom design process, it is time for us to build the control panel fabrication processes can be used for a wide range of tools.

Testing

Panel wiring, building wiring and integration all tested with our North American leading Utility Benchmark standard.





















As an authorized distributor of Kleev Middle East FZE products, we offer off-grid solar power solutions for the oil and gas industry that are cost-effective and reliable. Their proven solar systems have the capability to be deployed by some of the largest oil and gas companies like ADNOC, KOC, PDO, OXY, Tatweer, BAPETCOetc.

Solar Power System for Oil and Gas Industry, Specialist in Ex-Proof (approved solar integrator.

Output voltage options

12V DC /24V DC /48V DC /230V CA /410V CA

Battery capacity capabilities

Upto 5, 7, 10 Day's Autonomy

APPROVED

SOLAR SOLUTIONS FOR OIL & GAS

- Well Head Control Panel
- Control Valve
- Chemical Injection System
- Cathodic Protection
- Video surveillance
- RTU/SCADA
- Gas Flow Measurement
- Mineral Exploration Camps
- CCTV Cameras
- Off-Grid solar power system
- Flow Metering System









Control Panel Enclosure



KLEEV





Solar Cables & Inter Connection Cables

Inverter

Charge Controller KLEEV

















SOLAR EPC SERVICES

Design

- Cost Estimation
- Architectural Design
- Project Feasibility Studies
- Technology

Engineering

- Front end Engineering
- Planning & Scheduling
- Safety Planning
- System Integrator

Procurement

- Contracts Management
- Raw material purchase
- Vendor sourcing
- Quality Controls
- Storage Controls

Commissioning

- Trail Runs
- Quality Checks
- Safety Protocols
- Certifications

Operation & Maintenance

- Preventive Maintenance
- Performance Management
- Facility Management
- Plant Maintenance

Solutions

- Off-Grid Solar Power System for Oil & Gas
- Solar Diesel Hybrid System
- Containerised Solar Solutions
- Solar Car Parking System
- Portable Solar power System
- Solar Street Lighting System
- Solar Water Pumping System















USA / UAE



USA





USA



UK







AUSTRALIA



CZECH REPUBLIC



SWEDEN



ITALY





BRAZIL



FRANCE



HUNGARY

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INDIA



INDIA

Dubai

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