



Sales Quote

INDUSTRIAL BUSINESS INTL CORP

1580 Sawgrass Corporate Parkway
Suite 130, Sunrise, FL 33323
Tel: 954-302-3187, 315-4781
Fax: 954-838-7746
E-mail: ibicorp@intech-ie.com
Tax Certificate No. 16-8012998465-1

Quote #**IBI-2024-0022****Date:**March 8th, 2024**Customer ID****PETROPIAR****Bill To:****METAX USA**

1790 Hughes Landing Boulevard
Suite 400, The Woodlands,
Texas, 77380
Tel: +1 (407) 684.5484

Ship To:

Material will be delivered to Miami, FL

Your #	Our #	Sales Rep	Incoterms - DDP	SHIP VIA	Terms	Validity
Email	IBI-2024-0022/PL	L. Zuniga	Miami, FL	BWPPD	See below	30 days

Item	Qty	Units	Description	Unit Pr (US\$)	Total (US\$)
81	14	Pc	INDUSTRIAL PROCESS TRANSMITTER MODEL IPT-20 RANGE 0 TO 300 PSI WITH METALLIC SENSOR ELEMENT, WIKA PN 80064962 / 80049208 Specifications according to data sheet: PE 86.06 Pressure Range: adjustable with turn down up to 100 : 1 Process connection type: Standard connection with pressure port Housing material: Plastic single chamber enclosure execution: compact/ IP66/IP67; NEMA 4X Digital Display: with integrated indicating/adjustment module (top) Output signal: 4...20 mA, 2-wire, HART Electrical connection: ½NPT / plug Pressure range: 0...300 psi gauge Accuracy: 0.075 % of span process connection form: Gauge connection open Process connection / wetted parts: Thread ½NPT PN1000, ASME B1.20.1 / 316L Sealing: without, -40 ... +105°C Filling of sensor: Silicone oil wetted parts: stainless steel Sensor principle: piezoresistive Block and bleed valve, 2-valve manifold Design: square, angled 1/2 NPT male - 1/2 NPT female Stainless steel 316/316L - 1.4401/1.4404 - S31600/S31603 without bracket hole Vent connection: 1/4" NPT female with plug Nominal pressure: 6000 psi / 420 bar Material packing: PTFE NACE MR0175 Sour Gas Service & Inspection certificate 3.1, EN 10204, all wetted parts material	1310.52 + 106.50	
82	6	Pc	DIFFERENTIAL PRESSURE TRANSMITTER RANGE -500 A 500 MBAR WITH DIAPHRAGM SEAL IN STAINLESS STEEL, WIKA PN 80065043XX / Specifications according to data sheet: PE 86.22 Housing material: Aluminum single chamber enclosure execution: compact / IP66/IP68 (0.2bar); NEMA 6P Digital Display: with integrated indicating/adjustment module (top) Output signal: 4...20 mA, 2-wire, HART Electrical connection: M20x1,5 / cable gland PA black (ø5-9mm), standard Unit: bar	1803.18+50	

			Maximal working pressure: 160 bar (16 MPa / 2400 psi) Pressure range: -500 ... +500 mbar Process connection/mounting/material/venting: single side diaphragm seal and 1/4-18 NPT IEC61518 / 7/16-20 UNF / 316L with valve Diaphragm material: 316L Sealing (temperature range): FKM (-20 ... +85 °C) Accuracy: 0.065 % of span Filling of sensor: Silicone oil for regular applications (KN2) Certificates/Approvals: Certificate 3.1 Accuracy with inspection values listed Operating modes: Pressure measurement Density value: 1 Density unit: kg/dm ³ Linearization curve: linear Damping [s]: 1 s (default setting) Output signal low level in %: 0% Output signal low level in %: 100% Displayed value: differential pressure (acc. scaling) Inspection certificate 3.1 per EN 10204 Certificate type: Inspection certificate acc. to EN 10204 3.1 Certificate Language: English and German Certificate for: process pressure transmitter Accuracy: Calibration values listed (traceable to national standards)		
83	16	Pc	FIELD-TEMPERATUR-TRANSMITTER WITH HART CURRENT LOOP AND INDICATOR WITH RTD PT100, WIKA PN 70312327 / 80064996 TIF50-I, Field housing, Ex i - gas/dust, ATEX/IECEX Specifications according to data sheet: TE 62.01 display modul: HART® -Slave/ 4...20 mA (Standard modul) Design / Approval Field housing, Ex i - gas/dust Certifications integrated display module: ATEX/IECEX Aluminium, Single chamber housing 3 x thread 1/2 NPT Transmitter for TIF: T32 Standard configuration Digital temperature transmitter T32 with HART-protocol Specifications according to data sheet: TE 32.04 Output signal: 4 ... 20 mA, 2-wire-design Input: configurable by means of software Measuring range: configurable by means of software model: T32.1S, head mounting Explosion protection: Ex ia, for ATEX/IEC/CSA/FM/EAC/KOSHA/NEPSI/INMETRO SIL-Statement: not for SIL applications HART revision: HART® 5 Configuration: basic configuration (Pt100, 3-wire, 0 ... 150 °C, signalling down scale < 3,6 mA) Permissible ambient temperature : -40 °C ... +85 °C Certificate: calibration values listed Inspection certificate acc. to EN 10204 3.1 Certificate Language: English and German Transmitter Accuracy: 3 test points (start / middle / end of transmitter range) Surface Temperature Sensor TF44 Probe design: Square end 6 x 6 mm; aluminium Measuring element / Wiring / Tolerance: 1xPt100 / 4-wire / class F 0.3, EN 60751 Connecting lead: Individually and common plastic insulated; Lead length [W]: 1000 mm El. connection: Bare wires Mounting accessories: Worm drive hose clip, galv. steel, clamping range 25...40 mm Marking: WIKA Packaging: Covering box Measuring range: -20...+105°C (-4...+221°F) Data sheet: TF44 - TE67.14	750.08 + 35.11	
84	16	Pc	NO BID		
85	8	Pc	NO BID		

86	8	Pc	PRESSURE GAUGE SS CASE MODEL 233.50 RANGE 0 TO 100 PSI, WIKA PN 80049730 Model: 233.50 Specifications according to data sheet: PM 02.02 Measuring System: Stainless Steel Case filling: with Nominal size: 4" Scale range: 0/100 psi Process Connection: 1/2 NPT Connector location: lower back mount Window: laminated safety glass Pointer: standard pointer Accuracy Class: class 1.0 Material pressure element: Measuring System 316L Case filling fluid: Glycerine Ingress Protection: IP 65 Permissible medium temperature: + 100 °C Permissible ambient temperature: -20 ... +60 °C	48.37	
87	4	Pc	PRESSURE GAUGE SS CASE MODEL 233.50 RANGE 0 TO 200 PSI, WIKA PN 80049732 Model: 233.50 Specifications according to data sheet: PM 02.02 Measuring System: Stainless Steel Case filling: with Nominal size: 4" Scale range: 0/200 psi Process Connection: 1/2 NPT Connector location: lower back mount Window: laminated safety glass Pointer: standard pointer Accuracy Class: class 1.0 Material pressure element: Measuring System 316L Case filling fluid: Glycerine Ingress Protection: IP 65 Permissible medium temperature: + 100 °C Permissible ambient temperature: -20 ... +60 °C	48.37	
88	8	Pc	PRESSURE GAUGE SS CASE MODEL 233.50 RANGE 0 TO 400 PSI, WIKA PN 66240752 Model: 233.50 Specifications according to data sheet: PM 02.02 Measuring System: Stainless Steel Case filling: with Nominal size: 4" Scale range: 0/400 psi Process Connection: 1/2 NPT Connector location: lower back mount Window: laminated safety glass Pointer: standard pointer Accuracy Class: class 1.0 Material pressure element: Measuring System 316L Case filling fluid: Glycerine Ingress Protection: IP 65 Permissible medium temperature: + 100 °C Permissible ambient temperature: -20 ... +60 °C	48.37	
89	10	Pc	BIMETAL THERMOMETER ACCORDING TO ASME B40.200 MODEL TG53 RANGE 0 °F TO 200 °F, WIKA PN 80054001 Specifications according to data sheet: ATM 53.02 Accuracy Class: +/- 1% of Full Scale (ASME B40.3) Nominal size: 3" Connector position: back mount, adjustable	110.67	

			Design of Connection: standard, male thread Process Connection: 1/2" NPT Scale Range: 0 °F ... 200 °F Stem Diameter: 1/4" Insertion length L1: 2.5" Window: Flat Instrument Glass Ingress Protection: IP 66 / NEMA 4X Permissible ambient temperature: -40 ... +100 °C		
90	10	Pc	THREADED THERMOWELL SOLID MACHINED IN STAINLESS STEEL MODEL TW15 INSERTION LENGTH 2.5", WIKA PN 80051870 Specifications according to data sheet: TW 95.15 Material: SS316/316L Process thread [P or E]: 1/2NPT Instrument connection [N]: 1/2 NPT female Thermowell Style: Tapered Head Length: 1.75" Insertion length [U]: 2.5 inch Root diameter [Q]: 0.625 inch Tip diameter [V or F3]: 0.500 inch Bore size [B or d1]: 0.260 inch (6.6 mm) Bore depth / stem length (US): 4,000 inch	89.21	
91	6	Pc	BIMETAL THERMOMETER ACCORDING TO ASME B40.200 MODEL TG53 RANGE 0 °F TO 200 °F, WIKA PN 80065034 Specifications according to data sheet: ATM 53.02 Accuracy Class: +/- 1% of Full Scale (ASME B40.3) Nominal size: 3" Connector position: back mount Design of Connection: standard, male thread Process Connection: 1/2" NPT Scale Range: 0 °F ... 200 °F Stem Diameter: 1/4" Insertion length L1: 2.5" Window: Flat Instrument Glass Ingress Protection: IP 66 / NEMA 4X Permissible ambient temperature: -40 ... +100 °C	64.83	
92	6	Pc	THREADED THERMOWELL SOLID MACHINED IN STAINLESS STEEL MODEL TW15 INSERTION LENGTH 2.5", WIKA PN 80051870 Specifications according to data sheet: TW 95.15 Material: SS316/316L Process thread [P or E]: 1/2NPT Instrument connection [N]: 1/2 NPT female Thermowell Style: Tapered Head Length: 1.75" Insertion length [U]: 2.5 inch Root diameter [Q]: 0.625 inch Tip diameter [V or F3]: 0.500 inch Bore size [B or d1]: 0.260 inch (6.6 mm) Bore depth / stem length (US): 4,000 inch	89.21	
93	16	Pc	BIMETAL THERMOMETER ACCORDING TO ASME B40.200 MODEL TG53 RANGE 0 °F TO 320 °F, WIKA PN 80065036 Specifications according to data sheet: ATM 53.02 Accuracy Class: +/- 1% of Full Scale (ASME B40.3) Nominal size: 4" Connector position: back mount, adjustable Design of Connection: standard, male thread Process Connection: 1/2" NPT	121.18	



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			Scale Range: 0 °F ... 200 °F Stem Diameter: 1/4" Insertion length L1: 2.5" Window: Flat Instrument Glass Ingress Protection: IP 66 / NEMA 4X Permissible ambient temperature: -40 ... +100 °C		
94	16	Pc	THREADED THERMOWELL SOLID MACHINED IN STAINLESS STEEL MODEL TW15 INSERTION LENGTH 2.5", WIKA PN 80051870 Specifications according to data sheet: TW 95.15 Material: SS316/316L Process thread [P or E]: 1/2NPT Instrument connection [N]: 1/2 NPT female Thermowell Style: Tapered Head Length: 1.75" Insertion length [U]: 2.5 inch Root diameter [Q]: 0.625 inch Tip diameter [V or F3]: 0.500 inch Bore size [B or d1]: 0.260 inch (6.6 mm) Bore depth / stem length (US): 4,000 inch	89.21	
			Delivery Time: 2-3 WEEKS ARO and payment In Stock in USA for immediate shipment Truck to Miami: 2-3 working days Via Airfreight from Miami to Maiquetia, Vzla Truck from La Guaira to Jose Complex Payment terms 100% Prepayment with Order Volume & Weight Gross Volume to be informed Gross Weight aprox 6,750 Lbs (3,062 Kgs)		

PLEASE TRANSFER TO OUR ACCOUNT AT:

TRUIST BANK.
450 North Pine Island
Plantation, FL 33324
Account #: 0140953040
ABA# 053-101-121
Routing/Transit Number: 2631-9138-7
Swift Code: BRBTUS33

THANK YOU FOR YOUR BUSINESS

Subtotal	US \$	
Freight	US \$	Included
Insurance	US \$	Included
Docs.	US \$	Included
TOTAL	US \$	