

SR. NO.	ITEM TITLE	MATERIAL / SERVICE DETAILS	QUANTITY/ UNIT
1.	Differential Pressure Sensor	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -EJX110A-LH4G-73DNN/WCL DESCRIPTION :-Differential pressure sensor Differential pressure measurement range: 0...10 kPa Output signal: 4...20 mA with (HART 5/HART 7); Supply voltage: 10.5...30 V DC; Basic measurement error: 0.04%; Membrane casing material: stainless steel; Sealing: PTFE Hydraulic connection: inside threads 1/2 NPT; Vertical connection, unions at the bottom; Casing containing electronic parts made of aluminium alloy, corrosion-proof; Range of temperatures allowable for operation: from- 40 to 85°C; Range of working medium temperatures: from -40 to 120 °C; Protection class: IP66/IP67; Filling - silicon oil; Certificates: Lloyd's Register of Shipping, SIL 2, EMC as per EN61326, Pressure Equipment Directive 2014/68/EC; Weight: 2.8 kg</p>	8 NOS
2.	Pressure Sensor -1	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION :-IS-3-0-2111-2SZ-BBOHDZ-GTAVZZZ-UAZZ.WIKA 0-100ap, 4-20mA, 2-,10-30V, 0.5% DESCRIPTION: -Pressure sensor Excessive pressure measurement range: 0...100 bar Output signal: 4...20 mA Power supply with two wires Supply voltage: 10...30V DC Measurement error 0.5% Hydraulic connection: threads G1/4A DIN1179-2 Sealing: FPM/FKM Casing material: stainless steel Zero and range adjustable Electric connection: right-angle connector DIN175301- 803A PG13.5(GL) Range of temperatures allowable for operation: (-20...+80) °C Explosion protection type: II 1/2G Ex 1a IIC T4/T5/T6 Ga/Gb Certificates: GL, -SIL2 PE 81.58</p>	14 NOS

3.	Pressure Sensor -2	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION :-IS-3-0-2111-2SZ-BBIHDLZ-GTAVZZZ-UAZZ.WIKA 0-10BAR; 4-20mA; 2-WIRE 10-30V; 0.5%</p> <p>DESCRIPTION: -Pressure sensor Excessive pressure measurement range: 0...10 bar Output signal: 4...20 mA Power supply with two wires Supply voltage: 10...30V DC Measurement error 0.5% Hydraulic connection: threads G1/4A DIN1179-2 Sealing: FPM/FKM Casing material: stainless steel Zero and range adjustable Electric connection: right-angle connector DIN175301- 803A PG13.5(GL) Range of temperatures allowable for operation: (-20...+80) °C Explosion protection type: 11 1/2G Ex 1a IIC T4/T5/T6 Ga/ Gb Certificates: GL, -SIL2 PE 81.58</p>	16 NOS
4.	Pressure Sensor -3	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION :-IS-3-0-2111-2SZ-BBLHDLZ-GTAVZZZ-UAZZ.WIKA 0-25ap; 4-20mA; 2-np.10-30B; 0.5%</p> <p>DESCRIPTION: -Pressure sensor Excessive pressure measurement range: 0...25 bar Output signal: 4...20 mA Power supply with two wires Supply voltage: 10...30V DC Measurement error 0.5% Hydraulic connection: threads G1/4A DIN1179-2 Sealing: FPM/FKM Casing material: stainless steel Zero adjustable Electric connection: right-angle connector DIN175301- 803A PG13.5(GL) Range of temperatures allowable for operation: (-20...+80) °C Explosion protection type: II 1/2G Ex 1a IIC T4/T5/T6 Ga/ Gb Certificates: GL, -SIL2 PE 81.58</p>	16 NOS

5.	Pressure Sensor -4	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION :-IS-3-0-2111-2SZ-BBKHDZGTAVZZZ-UAZZ.WIKA 0-16BAR; 4-20mA; 2-WIRE 10-30V; 0.5%</p> <p>DESCRIPTION: -Pressure sensor Excessive pressure measurement range: 0...16 bar Output signal: 4...20 mA Power supply with two wires Supply voltage: 10...30V DC Measurement error 0.5% Hydraulic connection: threads G1/4A DIN1179-2 Sealing: FPM/FKM Casing material: stainless steel Zero adjustable Electric connection: right-angle connector DIN175301- 803A PG13.5(GL) Range of temperatures allowable for operation: (- 20...+80) °C Explosion protection type: II 1/2G Ex 1a IIC T4/T5/T6 Ga/ Gb Certificates: GL, -SIL2 PE 81.58</p>	16 NOS
6.	Pressure Sensor -5	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION :-IS-3-0-2111-2SZ-BBPHDLZ-GTAVZZZ-UAZZ.WIKA 0-160BAR; 4-20mA; 2-WIRE 10-30V; 0.5%</p> <p>DESCRIPTION: -Pressure sensor Excessive pressure measurement range: 0...160 bar Output signal: 4...20 mA Power supply with two wires Supply voltage: 10...30V DC Measurement error 0.5% Hydraulic connection: threads G1/4A DIN1179-2 Sealing: FPM/FKM Casing material: stainless steel Zero adjustable Electric connection: right-angle connector DIN175301- 803A PG13.5(GL) Range of temperatures allowable for operation: (- 20...+80) °C Explosion protection type: II 1/2G Ex 1a IIC T4/T5/T6 Ga/ Gb Certificates: GL, -SIL2 PE 81.58</p>	16 NOS

7.	Pressure Sensor -6	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION :-IS-3-0-2111-2SZ-BBPHDLZ-GTAVZZZ-UAZZ.WIKA 0-160 BAR; 4-20mA; 2-WIRE 10-30V; 0.5%</p> <p>DESCRIPTION: -Pressure sensor Excessive pressure measurement range: 0...160 bar Output signal: 4...20 mA Power supply with two wires Supply voltage: 10...30V DC Measurement error 0.5% Hydraulic connection: threads G1/4A DIN1179-2 Sealing: FPM/FKM Casing material: stainless steel Zero adjustable Electric connection: right-angle connector DIN175301- 803A PG13.5(GL) Range of temperatures allowable for operation: (-20...+80) °C Explosion protection type: II 1/2G Ex 1a IIC T4/T5/T6 Ga/ Gb Certificates: GL, -SIL2 PE 81.58</p>	16 NOS
8.	Differential Pressure Transducer	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -EJX110A-JLH4G-73DNN/WCL DESCRIPTION :-Differential pressure Transducer No information Differential pressure measurement range: 0...10 kPa Output signal: 4...20 mA with (HART 5/HART 7); Supply voltage: 10.5...30 V DC; Basic measurement error: 0.04%; Membrane casing material: stainless steel; Sealing: PTFE Hydraulic connection: inside threads 1/2 NPT; Vertical connection, unions at the bottom; Casing containing electronic parts made of aluminium alloy, corrosion-proof; Range of temperature allowable for operation: from -40 to 85°C; Range of working medium temperatures: from -40 to 120 °C; Protection class: IP66/IP67; Filling: silicon oil; Certificates: Lloyd's Register of Shipping, SIL 2, EMC as per EN61326, Pressure Equipment Directive 2014/68/EC; Weight: 2.8 kg</p>	16 NOS

9.	Gauge - 1	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1030 DESCRIPTION: -Gauge Woodward part number: 1810-1030 DEIF Ordering code:1810-1030 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260365A Gauge scaling: 0-8 Units: x1000 rpm Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 5 Deflection : 0..240 degrees CW</p>	16 NOS
10.	Gauge - 2	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1031 DESCRIPTION: -Gauge Woodward part number: 1810-1031 DEIF Ordering code:1810-1031 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260361A Gauge scaling: 0-10 Units: x1000 rpm Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 6 Deflection : 0..240 degrees CW</p>	16 NOS
11.	Gauge - 3	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1032 DESCRIPTION: -Gauge Woodward part number: 1810-1032 DEIF Ordering code:1810-1032 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260363A Gauge scaling: 0-5 Units: x1000 rpm Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 7 Deflection : 0..240 degrees CW</p>	16 NOS

12.	Gauge - 4	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1033 DESCRIPTION: -Gauge Woodward part number: 1810-1033 DEIF Ordering code:1810- Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260362A Gauge scaling: 0-10 Units: x100 °C Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 8 Deflection: 0..240 degrees CW</p>	16 NOS
13.	Gauge - 5	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1034 DESCRIPTION: -Gauge Woodward part number: 1810-1034 DEIF Ordering code: 1810-1034 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: not available Gauge scaling: 0-1 Units: MPa Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 9 Deflection : 0..240 degrees CW</p>	16 NOS
14.	Gauge - 6	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1035 DESCRIPTION: -Gauge Woodward part number: 1810-1035 DEIF Ordering code: 1810-1035 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260365A Gauge scaling: 0-8 Units: x1000 rpm Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 10 Deflection :0..240 degrees CW</p>	16 NOS

15.	Gauge - 7	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1037 DESCRIPTION: -Gauge Woodward part number: 10-1037 DEIF Ordering code: 1810-1037 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260363A Gauge scaling: 0-5 Units: x1000 rpm Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 12 Deflection: 0..240 degrees CW</p>	16 NOS
16.	Gauge - 8	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1038 DESCRIPTION: -Gauge Woodward part number: 1810-1038 DEIF Ordering code: 1810:1038 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260362A Gauge scaling: 0-10 Units: x100 °C Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 13 Deflection : 0..240 degrees CW</p>	16 NOS
17.	Gauge - 9	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1039 DESCRIPTION: -Gauge Woodward part number: 1810-1039 DEIF Ordering code: 1810-1039 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: not available Gauge scaling: 0-1 Units: MPa Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 14 Deflection : 0..240 degrees CW</p>	16 NOS

18.	Gauge - 10	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1040 DESCRIPTION: -Gauge Woodward part number: 1810-1040 DEIF Ordering code: 1810-1040 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: 4150260364A Gauge scaling: 0-5 Units: x100 rpm Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 15 Deflection : 0..240 degrees CW</p>	16 NOS
19.	Gauge - 11	<p>MATERIAL DETAILS: -</p> <p>DESIGNATION: -1810-1041 DESCRIPTION: -Gauge Woodward part number: 1810-1041 DEIF Ordering code: 1810-1041 Variant: 2951170020.17 Type: XL96 Protection: IP66 Mounting: Rear mounted Scale DEIF drawing number: not available Gauge scaling: 0-1 Units:" MPa Scale base: White with illumination Pointer: Black shadow without illumination Input: Single CANopen, 16-bit encoder CAN-ID No.: 16 Deflection :0..240 degrees CW</p>	16 NOS
20.	Documentation	<p>MATERIAL DETAILS: -</p> <ol style="list-style-type: none"> 1.CALIBRATION CERTIFICATE. 2.FACTRORY INSPECTION CERTIFICATE WITH ACCEPTANCE. 3.SPARES LIST WITH ILMS FORMATE. 4.GUARANTY/ WARRANTY CERTIFICATE. 5.CERTIFICATE OF CONFIRMITE. 6.MTC <p>NOTE: 4 NOS EACH ABOVE SR.NO 1,2,3,4,5,6 TO BE PROVIDED.</p>	1 SET