

Sr.	Description	Qty. (Nos.)
1	Differential Pressure Transmitter Measurement Span: 5 to 100mbar	10
2	Differential Pressure Transmitter Measurement Span: 10 to 1000mbar	10
3	Temperature Transmitter Universal Input Type	5
4	Handheld HART Communicator	2

Detail Specification of item 1 to item 4

1. Differential Pressure Transmitter

Output: 4-20mA DC with digital Communication (HART 7 protocol)
Measurement Span: 5 to 100 mbar, Medium: Air,
Wetted parts Material: Diaphragm = Hastelloy, Others 316L
Process connection: 1/4" NPT female process connector
Bolts & Nuts material: SS316L
Installation: Horizontal piping and right side high pressure (horizontal impulse piping type)
Housing: Cast Aluminum alloy
Electrical connection: 1/2" NPT female, two electrical connection without blind plugs
Integral Indicator: Not required
Mounting Bracket: 304 SST 2 inch pipe mounting, flat type for horizontal piping
Housing standard: Explosion Proof, Dust/Ignition Proof, Intrinsically safe
All features as per model below
Make: Yokogawa EJA110E-JLS3G-912NB/FU1/D3 or
Equivalent Honeywell, Rosemount, Shanghai Automation Instrumentation Company.

2. Differential Pressure Transmitter

Output: 4-20mA DC with digital Communication (HART 7 protocol)
Measurement Span: 10 to 1000 mbar, Medium: Air,
Wetted parts Material: Diaphragm = Hastelloy, Others 316L
Process connection: 1/4" NPT female process connector
Bolts & Nuts material: SS316L
Installation: Horizontal piping and right side high pressure (horizontal impulse piping type)
Housing: Cast Aluminum alloy
Electrical connection: 1/2" NPT female, two electrical connection without blind plugs
Integral Indicator: Not required
Mounting Bracket: 304 SST 2 inch pipe mounting, flat type for horizontal piping
Housing standard: Explosion Proof, Dust/Ignition Proof, Intrinsically safe
All features as per model below
Make: Yokogawa EJA110E-JMS3G-912NB/FU1/D3 or
Equivalent Honeywell, Rosemount, Shanghai Automation Instrumentation Company.

3. Temperature Transmitter

Input: Thermocouple, RTD, DC mV, ohm
Output: 4-20mA DC with digital Communication (HART 7 protocol)
Supply: 24VDC, Single Sensor Input,
Housing: Aluminum, Electrical connection: 1/2" NPT female
Configuration: Through HART Communicator
Integral Indicator: Not Required
Mounting: SS304, 2 inch horizontal pipe mounting
Housing standard: Explosion Proof, Dust/Ignition Proof, Intrinsically safe
Other features as per model below
Make: Yokogawa YTA610-JA1A2NB/KU2 or equivalent Honeywell, Rosemount,
Shanghai Automation Instrumentation Company.

4. Handheld HART Communicator

Model: YHC5150X, HART-7 Protocol
Make: Yokogawa or equivalent
Compatible with item No1, 2, 3
Provided with leads, charger and casing