

Sr. No.	Description	Qty (Nos)
1)	PCS/PW-FI-111 (Flow Indicator)	02
2)	PCS/SCW-FI-107 (Flow Indicator)	04
3)	PDP-PDI-100 (DP Indicator with Switching)	01
4)	PCW-FI-101 (Flow Indicator)	03
5)	MCS/DS-PDI-105 (DP Indicator)	03
6)	NCW-FLAS-04 (Flow Indicator with Switching)	02
7)	SA-FI-138 (Flow Indicator)	01
8)	JCS/PDP-FI-302 (Flow Indicator)	01
9)	MCS/DS-FI-1011 (Flow Indicator)	04
10)	PCW-PDIA-110 (DP Indicator with Switching)	03
11)	PW-FI-900 (Flow Indicator)	01
12)	PW-FI-109 (Flow Indicator)	01
13)	SCP-DP-106 (DP Indicator)	01
14)	SCW-DP-201 (DP Indicator)	01
15)	PCS-DP-101 (DP Indicator)	01
16)	SA-PDI-143 (DP Indicator)	04
17)	MCP-PDI-107 (DP Indicator)	02

◆ Note : Detail Specification is attached at Annexure A & B.
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Annexure-A

Technical Specification Sheet of Flow & DP Indicators		
Sr. No	Specification	Details
1	Tag No.	See (Note 1)
General		
2	Function	Differential Pressure, Flow Indication & Alarm
3	Case & color	316SS, White with black markings (See Note 2)
4	Mounting	Yoke on 2 inch pipe
5	Enclosure Class	IP 65
6	Power Supply	24 VDC, 2 Amps (for DP Indicators with switch only)
8	Chart Drive	Not required
9	Scale	(See Note 1)
XMTR		
10	Transmitter Output	Not required
UNIT		
11	Service	Differential Pressure, Flow Indication & Alarm
12	Element type	Manufacturer Standard
13	Material	316SS
14	Rating	Over range short term: 1.4 times of full range. Static load (See Note 3) Transient Load : 1.3 times of full load
15	Differential Range	Adjustable range
16	Elevation/ Suppression	Not required
17	Process Fluid	Air & Water
18	Process Connection	1/2 inch NPTF
SWITCH		
19	Alarm Switches	Single 02 nos. SPDT 24 Vdc, 2 Amps
20	Function	Measured variable, snap action
21	Option	Over load stop & safety blow out disc
22	Make	BADOTHERM or ASHCROFT OR Eg vacuum
23	Quality Standard	ISO 9000
24	Accuracy	+/- 1.6% OF Full Span
25	Type	Direct Reading
26	Dial Size & Lens	Diameter 150 mm, Safety Glass
27	Ring	Manufacturer Standard
28	Temperature/Humidity	(-5) to 70 deg. C / 0 to 100%
29	Accessories	Universal mounting bracket for 2 inches pipe (vertical/horizontal), vent plugs & bleeder plugs to be provided with each instrument.
Notes:		
1. See Attached List (Annexure - B)		
2. Solid Front Case		
3. Full vacuum or 50 bar pressure on either or both sides should not damage the DP cell.		

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Annexure-B

Technical Specification Sheet (Detailed Specification)							
Sr. #	Tag #	Adj. Range	Set Range	Scale	Scale type	Service	Switching Requirement
1	PCS/PW-FI-111 (Flow Indicator)	0-400mbar	0-400mbar	0-100%	Square root	Flow	No
2	PCS/SCW-FI-107 (Flow Indicator)	0-250mbar	0-250mbar	0-100%	Square root	Flow	No
3	PDP-PDI-100 (DP Indicator with Switching)	0-1bar	0-1bar	0-1bar	Linear	Differential Pressure	Yes
4	PCW-FI-101 (Flow Indicator)	0-1bar	0-250mbar	0-100%	Square root	Flow	No
5	MCS/DS-PDI-105 (DP Indicator)	0-1bar	0-1bar	0-1bar	Linear	Differential Pressure	No
6	NCW-FIAS-04 (Flow Indicator with Switching)	0-1bar	0-500mbar	0-100%	Square root	Flow	Yes
7	SA-FI-138 (Flow Indicator)	0-25mbar	0-25mbar	0-100%	Square root	Flow	No
8	JCS/PDP-FI-302 (Flow Indicator)	0-125mbar	0-125mbar	0-100%	Square root	Flow	No
9	MCS/DS-FI-1011 (Flow Indicator)	0-500mbar	0-500mbar	0-100%	Square root	Flow	No
10	PCW-PDIA-110 (DP Indicator with Switching)	0-2bar	0-2bar	0-2bar	Linear	Differential Pressure	Yes
11	PW-FI-900 (Flow Indicator)	0-750mbar	0-750mbar	0-100%	Square root	Flow	No
12	PW-FI-109 (Flow Indicator)	0-1bar	0-1bar	0-100%	Square root	Flow	No
13	SCP-DP-106 (DP Indicator)	0-1bar	0-1bar	0-1bar	Linear	Differential Pressure	No
14	SCW-DP-201 (DP Indicator)	0-1bar	0-150mbar	0-1bar	Linear	Differential Pressure	No
15	PCS-DP-101 (DP Indicator)	0-300mbar	0-50mbar	0-300mbar	Linear	Differential Pressure	No
16	SA-PDI-143 (DP Indicator)	0-2bar	0-2bar	0-2bar	Linear	Differential Pressure	No
17	MCP-PDI-107 (DP Indicator)	0-3bar	0-3bar	0-3bar	Linear	Differential Pressure	No