

Standard Engineering listings - BASIC PROCESS AND INSTRUMENT DATA

Basic data definition

Loop	Loop number acc to Mondi 00/02
Loop description	Controlling
Range	Min, norm, max – unit
Scale	Definition min. and max. range or 0...100%

Automatic valve / Instrument:

Press] min, norm, max-unit
Temperature	
Flow	
Density	
Viscosity	
Consistence	
Dust	
Conductivity	
Level	
pH	

DCS / PLC:

I/O	— Analog. input /output, digit. input / output (AI,AO,DI,DO)
Alarm	— L – low
Interlocking	— LL – low low
Safety interlocking	— H – high
	— HH – high high

Actuator:

Type	Pneumatic, electric, hydraulic
Fail – safe action:	
FL (fail – remain in last position)	Valve retain last controlled position
FC (fail – closed)	Valve to close
FO (fail – open)	Valve to open

Valve:

Positioner	4 - 20mA, 20 - 4mA
Solenoid valve	
Limit switch	
Shut off pressure	Max pressure drop at shutoff
DN / PN	Nominal diameter / pressure
P1 / P2	Pressure on input / output of the valve
Material	Body, shaft, gasket, seat of valve

Location of instrument:

Pipeline:	Nom. diameter, medium, (standard Mondi 13/02/01), pipe material
Process connection	Flange, G 1/2",...

Type of valve / Instrument	Butterfly, pressure transmitter, Pt100
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Manufacturer of valve / instrument

Remark

Rev.:	Revision (A, B, C,...)
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