



Professional P&ID Symbol Library

7/8/2015

	Revision V1.0.0	Date 7/8/2015	Change Initial Release	Type P & ID Symbols	Qty 490
© Virtual Interconnect 2015				Fibers	17
				Groups	0
				Templates	4
				TOTAL	511

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227	Viewing glass with lighting	Block	24.2	Fittings	7/8/2015	ISO 10628	1
228	Silencer	Block	24.3	Fittings	7/8/2015	ISO 10628	1
229	Mixing nozzle, injector	Block	24.4	Fittings	7/8/2015	ISO 10628	1
230	Compensator	Block	24.5	Fittings	7/8/2015	ISO 10628	1
231	Strainer	Block	24.6	Fittings	7/8/2015	ISO 10628	1
232	Cone type strainer	Block	24.7	Fittings	7/8/2015	ISO 10628	1
233	Orifice plate	Block	24.8	Fittings	7/8/2015	ISO 10628	1
234	Blind disc	Block	24.9	Fittings	7/8/2015	ISO 10628	1
235	Open disc	Block	24.10	Fittings	7/8/2015	ISO 10628	1
236	Interchangeable disc (blind disc)	Block	24.11	Fittings	7/8/2015	ISO 10628	1
237	Interchangeable disc (open disc in function)	Block	24.12	Fittings	7/8/2015	ISO 10628	1
238	Vent (outlet to the atmosphere for steam/gas)	Block	24.13	Fittings	7/8/2015	ISO 10628	1
239	Funnel	Block	24.14	Fittings	7/8/2015	ISO 10628	1
240	Self-operating release valve (steam trap)	Block	24.15	Fittings	7/8/2015	ISO 10628	1
241	Flanged connection	Block	24.16	Fittings	7/8/2015	ISO 10628	1
242	Reducer	Block	24.17	Fittings	7/8/2015	ISO 10628	1
243	Hose	Block	24.18	Fittings	7/8/2015	ISO 10628	1
244	Coupling	Block	24.19	Fittings	7/8/2015	ISO 10628	1
245	Clamped flange coupling	Block	24.20	Fittings	7/8/2015	ISO 10628	1
246	Breakthrough	Block	24.21	Fittings	7/8/2015	ISO 10628	1
247	Flanged dummy cover	Block	24.22	Fittings	7/8/2015	ISO 10628	1
248	Single flange	Block	24.23	Fittings	7/8/2015	ISO 10628	1
249	Dummy cover	Block	24.24	Fittings	7/8/2015	ISO 10628	1
250	Pipeline	Block	25.1	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
251	Secondary pipeline	Block	25.2	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
252	Flowmotion in direction of arrow	Block	25.3	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
253	Slope	Block	25.4	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
254	Siphon	Block	25.5	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
255	Tracer for heating or cooling	Block	25.6	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
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257	Piping, heated or cooled and insulated	Block	25.8	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
258	Pipeline with thermal insulation	Block	25.9	Graphical Symbols for Piping	7/8/2015	ISO 10628	1
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269	Tray, valve type	Block	27.4	Internals	7/8/2015	ISO 10628	1
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348	Solenoid Actuator	Block	6.4.4	Actuating Elements	7/8/2015	ISO 3511-2	1
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385	Recording ratio controller with switches for minimum and maximum signal	Block	3.1.4.5	Logic Elements	7/8/2015	ISO 3511-3	1
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388	Signal converter	Block	3.1.4.8	Logic Elements	7/8/2015	ISO 3511-3	1
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396	Diaphragm actuator	Block	3.2.2.2	Correcting units	7/8/2015	ISO 3511-3	1
397	Solenoid actuator	Block	3.2.2.3	Correcting units	7/8/2015	ISO 3511-3	1
398	Piston actuator	Block	3.2.2.4	Correcting units	7/8/2015	ISO 3511-3	1
399	Rotary motor actuator	Block	3.2.2.5	Correcting units	7/8/2015	ISO 3511-3	1
400	Spring actuator	Block	3.2.2.6	Correcting units	7/8/2015	ISO 3511-3	1
401	Float actuator	Block	3.2.2.7	Correcting units	7/8/2015	ISO 3511-3	1

402	Weight actuator	Block	3.2.2.8	Correcting units	7/8/2015	ISO 3511-3	1
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412	Control valve with piston actuator with integrally mounted switches actuated	Block	3.2.4.1.2	Correcting units with integrally mounted switches	7/8/2015	ISO 3511-3	1
413	Control valve operated by rotary motor with integrally mounted switch	Block	3.2.4.1.3	Correcting units with integrally mounted switches	7/8/2015	ISO 3511-3	1
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449	Source	Block	3.3.5.9.1	Photoelectric light source and detector	7/8/2015	ISO 3511-3	1
450	Detector	Block	3.3.5.9.2	Photoelectric light source and detector	7/8/2015	ISO 3511-3	1
451	Propeller	Block	3.3.5.10	Photoelectric light source and detector	7/8/2015	ISO 3511-3	1
452	Membrane type (diaphragm)	Block	3.3.5.11	Photoelectric light source and detector	7/8/2015	ISO 3511-3	1
453	Resistance, for example strain gauge	Block	3.3.5.12	Photoelectric light source and detector	7/8/2015	ISO 3511-3	1
454	General	Block	3.3.7.1	Detectors for pressure	7/8/2015	ISO 3511-3	1
455	Liquid-filled system bulb	Block	3.3.7.2	Detectors for pressure	7/8/2015	ISO 3511-3	1
456	Membrane type (diaphragm)	Block	3.3.7.3	Detectors for pressure	7/8/2015	ISO 3511-3	1
457	Pressure-sensitive strain gauge	Block	3.3.7.4	Detectors for pressure	7/8/2015	ISO 3511-3	1
458	General for quality	Block	3.3.9	Detectors for other measured or initiating variables	7/8/2015	ISO 3511-3	1
459	General for nuclear radiation	Block	3.3.9.2	Detectors for other measured or initiating variables	7/8/2015	ISO 3511-3	1
460	General for speed or frequency	Block	3.3.9.3	Detectors for other measured or initiating variables	7/8/2015	ISO 3511-3	1
461	General for gauging, position, or length	Block	3.3.9.4	Detectors for other measured or initiating variables	7/8/2015	ISO 3511-3	1
462	General for weight or force	Block	3.3.9.5	Detectors for other measured or initiating variables	7/8/2015	ISO 3511-3	1
463	General for other measurement variables	Block	3.3.9.6	Detectors for other measured or initiating variables	7/8/2015	ISO 3511-3	1
464	Process lines	Fiber	3.4.1	Lines	7/8/2015	ISO 3511-3	1
465	Measuring lines	Fiber	3.4.2	Lines	7/8/2015	ISO 3511-3	1
466	Signal lines, general	Fiber	3.4.2.1	Lines	7/8/2015	ISO 3511-3	1
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468	Electric	Fiber	3.4.3.2	Lines	7/8/2015	ISO 3511-3	1
469	Electric	Fiber	3.4.3.3	Lines	7/8/2015	ISO 3511-3	1
470	Pneumatic (A)	Fiber	3.4.3.2	Lines	7/8/2015	ISO 3511-3	1
471	Hydraulic (L)	Fiber	3.4.3.3	Lines	7/8/2015	ISO 3511-3	1
472	Capillary	Fiber	3.4.3.4	Lines	7/8/2015	ISO 3511-3	1
473	Signal text form	Fiber	3.4.3.5	Lines	7/8/2015	ISO 3511-3	1
474	Signal Directional	Fiber	3.4.3.6	Lines	7/8/2015	ISO 3511-3	1
475	Conducted radiation	Fiber	3.4.3.7	Lines	7/8/2015	ISO 3511-3	1
476	Reducer: differential pressure valve	Block	3.5.1.1	Auxiliary devices	7/8/2015	ISO 3511-3	1
477	Reducer, hand-adjusted	Block	3.5.1.2	Auxiliary devices	7/8/2015	ISO 3511-3	1
478	Differential pressure valve with external connection for reference pressure	Block	3.5.1.3	Auxiliary devices	7/8/2015	ISO 3511-3	1
479	Filter	Block	3.5.1.4	Auxiliary devices	7/8/2015	ISO 3511-3	1
480	Combination of hand-adjustable reducer filter and pressure indicator	Block	3.5.1.5	Auxiliary devices	7/8/2015	ISO 3511-3	1
481	Condensate pot, sediment trap, capacity vessel, seal pot, etc.	Block	3.5.1.6	Auxiliary devices	7/8/2015	ISO 3511-3	1
482	Fixed restriction	Block	3.5.1.7	Auxiliary devices	7/8/2015	ISO 3511-3	1
483	Adjustable restriction	Block	3.5.1.8	Auxiliary devices	7/8/2015	ISO 3511-3	1
484	Valve manifold	Block	3.5.1.8	Auxiliary devices	7/8/2015	ISO 3511-3	1
485	Valve manifold	Block	3.5.1.9	Auxiliary devices	7/8/2015	ISO 3511-3	1
486	Basic symbol	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
487	Symbol for process computer only	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
488	Symbol for process computer only	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
489	Symbol for process computer only	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
490	Symbol in connection with instruments	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
491	Symbol in connection with instruments	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
492	Symbol in connection with instruments	Block	3.10	Basic symbol for computer-based functions	7/8/2015	ISO 3511-4	1
493	Basic symbol	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
494	Symbol for shared display/shared control only	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
495	Symbol for shared display/shared control only	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
496	Symbol for shared display/shared control only	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
497	Symbol in connection with instruments	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
498	Symbol in connection with instruments	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
499	Symbol in connection with instruments	Block	3.20	Basic symbol for shared display/control functions	7/8/2015	ISO 3511-4	1
500	Pressure signal to computer	Block	4.1.1	Process computer examples	7/8/2015	ISO 3511-4	1
501	Pressure signal to computer	Block	4.1.1	Process computer examples	7/8/2015	ISO 3511-4	1
502	Temperature signal to computer	Block	4.1.2	Process computer examples	7/8/2015	ISO 3511-4	1
503	Temperature signal to computer	Block	4.1.2	Process computer examples	7/8/2015	ISO 3511-4	1
504	Flow recording and control by computer	Block	4.1.3	Process computer examples	7/8/2015	ISO 3511-4	1
505	Control valve actuated and position display (open-shut) on computer	Block	4.1.4	Process computer examples	7/8/2015	ISO 3511-4	1
506	Control valve actuated and position display (open-shut) on computer	Block	4.1.5	Process computer examples	7/8/2015	ISO 3511-4	1

507	Flow recording and control by computer. flow indication in control room	Block	4.1.5	Process computer examples	7/8/2015	ISO 3511-4	1
508	A0_METRIC	TEMPLATE	N/a	DESIGN TEMPLATE	N/a	N/a	1
509	A1_METRIC	TEMPLATE	N/a	DESIGN TEMPLATE	N/a	N/a	1
510	A2_METRIC	TEMPLATE	N/a	DESIGN TEMPLATE	N/a	N/a	1
511	A3_METRIC	TEMPLATE	N/a	DESIGN TEMPLATE	N/a	N/a	1