



Valve Ordering Information

Finding the Right Valve

To help you find the right valve for your application, the types of valves are arranged in two-page spreads (2-Way Normally Open, 2-Way Normally Closed, 3-Way Normally Closed Line Connect, 3-Way Multi-Purpose, 3-Way Normally Open, 3-Way Directional Control). For each valve type, the first boxes are arranged by KIP Series designation (Series 1, 2, 3 and 6). The second, smaller subset of rows designate the various orifice diameters for the Series. Series 1 valves offer the smallest package size and typically have lower flows and pressures for the same orifice size as those of our largest, Series 6, valves. As you move from left to right across the columns on the spread, you will find the Cv factor (flow coefficient) and Maximum Operating Pressure Differential (MOPD) for the corresponding orifice diameter. Part numbers for KIP's valve

body, operator (valve without body), manifold mount and 1/8" NPT male bottom port follow. All part numbers are shown with grommet housing designated by numeral 1 in the third position. Part numbers can be modified by selecting your choice of housing, seal material or molded coil and placing the appropriate numbers into the designated position in the part number sequence (see page 9).

2-Way Normally Open



Port Identification: IN-2 OUT-3

	ORIFICE DIAMETER	Cv Factor	MOPD (psi)	STANDARD Valve Body Grommet		MANIFOLD MOUNT	
	Stop	Stop		Stainless Steel	Brass	Stainless Steel	Brass
Series 1	1/32	0.035	300	141020	141120	161020	161120
	3/64	0.050	200	141021	141121	161021	161121
	1/16*	0.095	150	141022	141122	161022	161122
Series 2	1/32	0.035	400	241020	241120	261020	261120
	3/64	0.050	300	241021	241121	261021	261121
	1/16	0.095	180	241022	241122	261022	261122
	5/64*	0.135	140	241023	241123	261023	261123

	ORIFICE DIAMETER	Cv Factor	MOPD (psi)	STANDARD Valve Body Grommet	
	Stop	Stop		Stainless Steel	Brass
Series 3	1/32	0.035	400	351020	351120
	3/64	0.050	300	351021	351121
	1/16	0.095	180	351022	351122
	5/64*	0.140	140	351023	351123

	ORIFICE DIAMETER	Cv Factor	MOPD (psi)	STANDARD Valve Body - Grommet				MANIFOLD MOUNT	
				Stainless Steel		Brass			
	Stop	Stop		1/8" NPTF	1/4"NPTF	1/8" NPTF	1/4"NPTF	Stainless Steel	Brass
Series 6	1/32	0.035	1000	641020	651020	641120	651120	661020	661120
	3/64	0.050	600	641021	651021	641121	651121	661021	661121
	1/16	0.095	350	641022	651022	641122	651122	661022	661122
	5/64	0.140	250	641023	651023	641123	651123	661023	661123
	3/32	0.200	175	641024	651024	641124	651124	661024	661124
	1/8	0.295	100	641025	651025	641125	651125	661025	661125

* Larger stop orifice available with reduced pressure ratings; consult KIP.



2-Way Normally Closed

Two-Way Normally Closed (2WNC) - Valve with two ports, inlet and outlet. Valve is closed in a de-energized state, and opens when energized. Valve has one orifice which is located in the body.



Port Identification: IN - 2 OUT - 1

	ORIFICE	Cv	MOPD	STANDARD Valve Body		MANIFOLD MOUNT*		LOW WATT Specifications				
	DIAMETER	Factor		Grommet		Valve Body-Grommet		Cv Factor	1.5 Watt	2.0 Watt	2.5 Watt	3.0 Watt
	Body	Body		SS	Brass	SS	Brass	Body	A	B	C	D
Series 1	1/32	0.035	800	141010	141110	161010	161110	0.030	125.000	300	500	775
	3/64	0.050	500	141011	141111	161011	161111	0.050	30.000	100	175	300
	1/16	0.095	300	141012	141112	161012	161112	0.085	-	30	65	95
	5/64	0.135	200	141013	141113	161013	161113	0.125	-	15	40	65
	3/32	0.175	175	141014	141114	161014	161114	0.170	-	10	25	40
	1/8	0.245	100	141015	141115	161015	161115	0.225	-	-	-	4
	5/32	0.290	50	141016	141116	161016	161116	0.280	-	-	-	-
Series 2	1/32	0.035	1000	241010	241110	261010	261110	0.030	300	540	780	1000
	3/64	0.050	600	241011	241111	261011	261111	0.050	50	125	240	340
	1/16	0.095	400	241012	241112	261012	261112	0.085	15	60	100	160
	5/64	0.135	300	241013	241113	261013	261113	0.125	5	30	55	95
	3/32	0.175	250	241014	241114	261014	261114	0.170	3	20	40	55
	1/8	0.245	150	241015	241115	261015	261115	0.225	-	12	25	35
	5/32	0.290	100	241016	241116	N/A	N/A	0.280	-	7	14	20

	ORIFICE	Cv	MOPD	STANDARD Valve		LOW WATT Specifications				
	DIAMETER	Factor		Body - Grommet		Cv Factor	1.5 Watt	2.0 Watt	2.5 Watt	3.0 Watt
	Body	Body		SS	Brass	Body	A	B	C	D
Series 3	1/32	0.035	1000	351010	351110	0.030	300	540	780	1000
	3/64	0.050	600	351011	351111	0.050	50	125	240	340
	1/16	0.095	400	351012	351112	0.085	15	60	100	160
	5/64	0.140	300	351013	351113	0.125	5	30	55	95
	3/32	0.185	250	351014	351114	0.180	3	20	40	55
	1/8	0.265	150	351015	351115	0.225	-	12	25	35
	5/32	0.330	100	351016	351116	0.280	-	7	14	20
	3/16	0.385	40	351017	351117	-	-	-	-	-
	1/4	0.450	15	351018	351118	-	-	-	-	-

	ORIFICE	Cv	MOPD	STANDARD Valve Body (Grommet)				MANIFOLD MOUNT	
	DIAMETER	Factor		Stainless Steel		Brass		Stainless Steel	Brass
	Body	Body		1/8" NPTF	1/4" NPTF	1/8" NPTF	1/4" NPTF		
Series 6	1/32	0.035	1200	641010	651010	641110	351110	661010	661110
	3/64	0.050	1000	641011	651011	641111	351111	661011	661111
	1/16	0.095	500	641012	651012	641112	351112	661012	661112
	5/64	0.140	300	641013	651013	641113	351113	661013	661113
	3/32	0.200	200	641014	651014	641114	351114	661014	661114
	1/8	0.295	150	641015	651015	641115	351115	661015	661115
	5/32	0.370	110	641016	651016	641116	351116	661016	661116
	3/16	0.435	60	641017	651017	641117	351117	661017	661117
	1/4	0.610	30	641018	651018	641118	351118	661018	661118
	3/8	0.900	5	—	681019***	—	681119***	—	—

* Manifold Mount valve has maximum 400 MOPD rating for UL recognition.

† These valves are supplied with 3/8" NPTF ports.



Valve Ordering Information

3-Way Normally Closed

Line Connect

For Free Vent, change fifth digit from 4 to 3

Three-Way Normally Closed (3WNCV or 3WNCLC) Valve with three ports, and two orifices. One orifice is located in the body and the other in the end stop. The three ports are the "IN", "EXHAUST" and "CYLINDER". When the valve is de-energized, the inlet closed and the exhaust is open. When the valve is energized, the inlet is open allowing flow to the cylinder port and the exhaust orifice is blocked. Three-Way Normally Closed Valves are available in Line Connect style (with piping adapter), and Free Vent style.



Port Identification: IN - 1 CYL - 2 EXH - 3

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body - Grommet		MANIFOLD MOUNT Valve Body-Grommet		LOW WATT Specifications					
	Body	Stop	Body	Stop		SS	Brass	SS	Brass	Cv Factor		1.5 Watt A	2.0 Watt B	2.5 Watt C	3.0 Watt D
										Body	Stop				
Series 1	1/32	1/32	0.035	0.025	200	141040	141140	161040	161140	0.030	0.025	100.000	-	150	-
	3/64	3/64	0.050	0.065	150	141041	141141	161041	161141	0.050	0.060	-	80	120	-
	1/16	1/16*	0.085	0.115	100	141042	141142	161042	161142	0.085	0.105	-	45	650	-
	5/64	1/16*	0.125	0.115	80	141043	141143	161043	161143	0.120	0.105	-	25	-	50
	3/32	1/16*	0.165	0.115	60	141044	141144	161044	161144	0.150	0.105	-	-	20	35
	1/8	1/16*	0.240	0.115	40	141045	141145	161045	161145	0.225	0.105	-	-	10	20
	5/32	1/16*	0.285	0.115	10	141046	141146	161046	161146	0.270	0.105	-	7	-	10
Series 2	1/32	1/32	0.035	0.025	250	241040	241140	261040	261140	0.030	0.025	150	185	210	-
	3/64	3/64	0.050	0.065	175	241041	241141	261041	261141	0.050	0.060	80	120	140	170
	1/16	1/16	0.085	0.115	125	241042	241142	261042	261142	0.085	0.105	45	60	-	95
	5/64	5/64*	0.125	0.140	100	241043	241143	261043	261143	0.120	0.105	25	-	50	65
	3/32	5/64*	0.165	0.140	75	241044	241144	261044	261144	0.150	0.105	20	-	35	55
	1/8	5/64*	0.240	0.140	45	241045	241145	261045	261145	0.225	0.105	-	10	20	30
	5/32	5/64*	0.285	0.140	20	241046	241146	N/A	N/A	0.270	0.105	-	7	10	20

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body - Grommet		LOW WATT Specifications					
	Body	Stop	Body	Stop		SS	Brass	Cv Factor		1.5 Watt	2.0 Watt	2.5 Watt	3.0 Watt
								Body	Stop	A	B	C	D
Series 3	1/32	1/32	0.035	0.025	250	351040	351140	0.030	0.025	150	185	210	-
	3/64	3/64	0.050	0.065	175	351041	351141	0.050	0.060	80	120	140	170
	1/16	1/16	0.085	0.115	125	351042	351142	0.085	0.105	45	60	-	95
	5/64	5/64*	0.125	0.145	100	351043	351143	0.120	0.125	25	-	50	65
	3/32	5/64*	0.165	0.145	75	351044	351144	0.150	0.125	20	-	35	55
	1/8	5/64*	0.240	0.145	45	351045	351145	0.225	0.125	-	10	12	30
	5/32	5/64*	0.290	0.145	20	351046	351146	0.270	0.125	-	7	10	20
	3/16	5/64*	0.345	0.145	10	351047	351147	-	-	-	-	-	-
	1/4	5/64*	0.415	0.145	5	351048	351148	-	-	-	-	-	-

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body - Grommet				MANIFOLD MOUNT Valve Body – Grommet	
	Body	Stop	Body	Stop		Stainless Steel		Brass			
						1/8" NPTF	1/4" NPTF	1/8" NPTF	1/4" NPTF	SS	Brass
Series 6	1/32	1/32	0.035	0.025	300	641040	651040	641140	651140	661040	661140
	3/64	3/64	0.050	0.065	250	641041	651041	641141	651141	661041	661141
	1/16	1/16	0.090	0.115	200	641042	651042	641142	651142	661042	661142
	5/64	5/64	0.135	0.180	175	641043	651043	641143	651143	661044	661144
	3/32	3/32	0.180	0.210	125	641044	651044	641144	651144	661045	661145
	1/8	1/8	0.275	0.240	85	641045	651045	641145	651145	661046	661146
	5/32	1/8	0.370	0.240	50	641046	651046	641146	651146	661047	661147
	3/16	1/8	0.455	0.240	30	641047	651047	641147	651147	661048	661148
	1/4	1/8	0.650	0.240	15	641048	651048	641148	651148	-	-

* Larger stop orifice available with reduced pressure ratings; consult KIP.

Note: Series 6 manifold mount 3-Way valves have a 1/4" NPTF adapter as standard. 1/8" NPTF available upon request.



3-Way Multi-Purpose

Three-Way Multi-Purpose (3WMP) - Valve with three ports, and two orifices. One orifice is located in the body and the other in the end stop. The three ports are the "NORMALLY OPEN", "NORMALLY CLOSED" and "COMMON". When the valve is de-energized, the common port is open to the normally open port. When the valve is energized, the normally closed port is open allowing flow from the common port and the normally open orifice is blocked. Three-Way Multi-Purpose Valves can be used as a 3WNC, 3WNO, or a 3WDC valve. Additionally, this valve can be used to pipe the alternate flow of two different media to one port.



Port Identification: NC - 1 COM - 2 NO - 3

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve		MANIFOLD MOUNT		LOW WATT Specifications					
						Body - Grommet		Valve Body-Grommet		Cv Factor		1.5 Watt	2.0 Watt	2.5 Watt	3.0 Watt
	Body	Stop	Body	Stop		SS	Brass	SS	Brass	Body	Stop	A	B	C	D
Series 1	1/32	1/32	0.035	0.025	150	141060	141160	161060	161160	0.030	0.025	-	80	-	95
	3/64	3/64	0.050	0.065	100	141061	141161	161061	161161	0.050	0.060	-	25	40	60
	1/16	1/16*	0.085	0.115	80	141062	141162	161062	161162	0.085	0.105	-	-	-	20
	5/64	1/16*	0.125	0.115	60	141063	141163	161063	161163	0.120	0.105	-	-	-	8
	3/32	1/16*	0.165	0.115	35	141064	141164	161064	161164	0.150	0.105	-	-	-	-
	1/8	1/16*	0.240	0.115	20	141065	141165	161065	161165	0.225	0.105	-	-	-	-
	5/32	1/16*	0.285	0.115	10	141066	141166	161066	161166	0.270	0.105	-	-	-	-
Series 2	1/32	1/32	0.035	0.025	175	241060	241160	261060	261160	0.030	0.025	-	-	95	130
	3/64	3/64	0.050	0.065	125	241061	241161	261061	261161	0.050	0.060	-	-	50	75
	1/16	1/16	0.085	0.115	100	241062	241162	261062	261162	0.085	0.105	-	-	10	20
	5/64	5/64*	0.125	0.140	75	241063	241163	261063	261163	0.120	0.125	-	-	-	15
	3/32	5/64*	0.165	0.140	50	241064	241164	261064	261164	0.150	0.125	-	-	-	-
	1/8	5/64*	0.240	0.140	25	241065	241165	261065	261165	0.225	0.125	-	-	-	-
	5/32	5/64*	0.285	0.140	15	241066	241166	N/A	N/A	0.270	0.125	-	-	-	-

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve		LOW WATT Specifications					
						Body - Grommet		Cv Factor		1.5 Watt	2.0 Watt	2.5 Watt	3.0 Watt
	Body	Stop	Body	Stop		SS	Brass	Body	Stop	A	B	C	D
Series 3	1/32	1/32	0.035	0.025	175	351060	351160	0.030	0.025	-	-	95	130
	3/64	3/64	0.050	0.065	125	351061	351161	0.050	0.060	-	-	50	75
	1/16	1/16	0.085	0.115	100	351062	351162	0.085	0.105	-	-	10	20
	5/64	5/64*	0.125	0.145	75	351063	351163	0.120	0.125	-	-	-	15
	3/32	5/64*	0.165	0.145	50	351064	351164	0.150	0.125	-	-	-	-
	1/8	5/64*	0.240	0.145	25	351065	351165	0.225	0.125	-	-	-	-
	5/32	5/64*	0.290	0.145	15	351066	351166	0.270	0.125	-	-	-	-
	3/16	5/64*	0.345	0.145	10	351067	351167	-	-	-	-	-	-
	1/4	5/64*	0.415	0.145	5	351068	351168	-	-	-	-	-	-

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body - Grommet				MANIFOLD MOUNT	
						Stainless Steel		Brass		Valve Body - Grommet	
	Body	Stop	Body	Stop		1/8" NPTF	1/4" NPTF	1/8" NPTF	1/4" NPTF	SS	Brass
Series 6	1/32	1/32	0.035	0.025	275	641060	651060	641160	651160	661060	661160
	3/64	3/64	0.050	0.065	200	641061	651061	641161	651161	661061	661161
	1/16	1/16	0.090	0.115	175	641062	651062	641162	651162	661062	661162
	5/64	5/64	0.135	0.180	125	641063	651063	641163	651163	661063	661163
	3/32	3/32	0.180	0.210	100	641064	651064	641164	651164	661064	661164
	1/8	1/8	0.750	0.240	60	641065	651065	641165	651165	661065	661165
	5/32	1/8	0.370	0.240	40	641066	651066	641166	651166	661066	661166
	3/16	1/8	0.455	0.240	25	641067	651067	641167	651167	661067	661167
	1/4	1/8	0.650	0.240	15	641068	651068	641168	651168	661068	661168

* Larger stop orifice available with reduced pressure ratings; consult KIP.

Note: Series 6 manifold mount 3-Way valves have a 1/4" NPTF adapter as standard. 1/8" NPTF available upon request.



Valve Ordering Information

3-Way Normally Open

Three-Way Normally Open (3WNO) - Valve with three ports, and two orifices. One orifice is located in the body and the other in the end stop. The three ports are the "IN", "EXHAUST" and "CYLINDER". When the valve is de-energized, the inlet is open and the exhaust is closed. When the valve is energized, the exhaust is open allowing flow from the cylinder port and the inlet orifice is blocked.



Port Identification: EXH - 1 CYL - 2 IN-3

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body Grommet		MANIFOLD MOUNT Valve Body	
	Body	Stop	Body	Stop		Stainless Steel	Brass	Stainless Steel	Brass
Series 1	1/32	1/32	0.035	0.025	160	141050	141150	161050	161150
	3/64	3/64	0.050	0.065	125	141051	141151	161051	161151
	1/16	1/16*	0.085	0.115	100	141052	141152	161052	161152
	5/64	1/16*	0.125	0.115	80	141053	141153	161053	161153
	3/32	1/16*	0.165	0.115	60	141054	141154	161054	161154
	1/8	1/16*	0.240	0.115	40	141055	141155	161055	161155
	5/32	1/16*	0.285	0.115	10	141056	141156	N/A	N/A
Series 2	1/32	1/32	0.035	0.025	200	241050	241150	261050	261150
	3/64	3/64	0.050	0.065	150	241051	241151	261051	261151
	1/16	1/16	0.085	0.115	125	241052	241152	261052	261152
	5/64	5/64*	0.125	0.140	100	241053	241153	261053	261153
	3/32	5/64*	0.165	0.140	75	241054	241154	261054	261154
	1/8	5/64*	0.240	0.140	60	241055	241155	261055	261155
	5/32	5/64*	0.285	0.140	25	241056	241156	N/A	N/A

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body Grommet	
	Body	Stop	Body	Stop		Stainless Steel	Brass
Series 3	1/32	1/32	0.035	0.025	200	351050	351150
	3/64	3/64	0.050	0.065	150	351051	351151
	1/16	1/16	0.085	0.115	125	351052	351152
	5/64	5/64*	0.125	0.145	100	351053	351153
	3/32	5/64*	0.165	0.145	75	351054	351154
	1/8	5/64*	0.240	0.145	60	351055	351155
	5/32	5/64*	0.290	0.145	45	351056	351156
	3/16	5/64*	0.345	0.145	10	351057	351157
	1/4	5/64*	0.415	0.145	5	351058	351158

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body - Grommet				MANIFOLD MOUNT Valve Body – Grommet	
	Body	Stop	Body	Stop		Stainless Steel		Brass		SS	Brass
						1/8" NPTF	1/4" NPTF	1/8" NPTF	1/4" NPTF		
Series 6	1/32	1/32	0.035	0.025	400	641050	651050	641150	651150	661050	661150
	3/64	3/64	0.050	0.065	250	641051	651051	641151	651151	661051	661151
	1/16	1/16	0.090	0.115	200	641052	651052	641152	651152	661052	661152
	5/64	5/64	0.135	0.180	175	641053	651053	641153	651153	661053	661153
	3/32	3/32	0.180	0.210	125	641054	651054	641154	651154	661054	661154
	1/8	1/8	0.275	0.240	85	641055	651055	641155	651155	661055	661155
	5/32	1/8	0.370	0.240	50	641056	651056	641156	651156	661056	661156
	3/16	1/8	0.455	0.240	35	641057	651057	641157	651157	661057	661157
	1/4	1/8	0.650	0.240	15	641058	651058	641158	651158	661058	661158

* Larger stop orifice available with reduced pressure ratings; consult KIP.

NOTE: Series 6 manifold mount 3-Way valves have a 1/4" NPTF adapter as standard. 1/8" NPTF available upon request.



3-Way Directional Control

Three-Way Directional Control (3WDC) - Valve with three ports, and two orifices. One orifice is located in the body and the other in the end stop. The three ports are the "NORMALLY OPEN", "NORMALLY CLOSED" and "IN". When the valve is de-energized, the inlet is open to the normally open port. When the valve is energized, the normally closed port is open allowing flow from the inlet port and the normally open orifice is blocked. Three-Way Directional Control valve can be used to divert flow from one port to another.



Port Identification: NC - 1 IN - 2 NO - 3

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body Grommet		MANIFOLD MOUNT Valve Body	
	Body	Stop	Body	Stop		Stainless Steel	Brass	Stainless Steel	Brass
Series 1	1/32	1/32	0.035	0.025	230	141070	141170	161070	161170
	3/64	3/64	0.050	0.065	160	141071	141171	161071	161171
	1/16	1/16*	0.085	0.115	120	141072	141172	161072	161172
	5/64	1/16*	0.125	0.115	80	141073	141173	161073	161173
	3/32	1/16*	0.165	0.115	60	141074	141174	161074	161174
	1/8	1/16*	0.240	0.115	35	141075	141175	161075	161175
	5/32	1/16*	0.285	0.115	20	141076	141176	N/A	161176
Series 2	1/32	1/32	0.035	0.025	275	241070	241170	261070	261170
	3/64	3/64	0.050	0.065	200	241071	241171	261071	261171
	1/16	1/16	0.085	0.115	150	241072	241172	261072	261172
	5/64	5/64*	0.125	0.140	100	241073	241173	261073	261173
	3/32	5/64*	0.165	0.140	75	241074	241174	261074	261174
	1/8	5/64*	0.240	0.140	50	241075	241175	261075	261175
	5/32	5/64*	0.285	0.140	25	241076	241176	N/A	N/A

	ORIFICE DIAMETER		Cv Factor		MOPD (psi)	STANDARD Valve Body Grommet	
	Body	Stop	Body	Stop		Stainless Steel	Brass
Series 3	1/32	1/32	0.035	0.025	275	351070	351170
	3/64	3/64	0.050	0.065	200	351071	351171
	1/16	1/16	0.085	0.115	150	351072	351172
	5/64	5/64*	0.125	0.145	100	351073	351173
	3/32	5/64*	0.165	0.145	75	351074	351174
	1/8	5/64*	0.240	0.145	50	351075	351175
	5/32	5/64*	0.290	0.145	25	351076	351176
	3/16	5/64*	0.345	0.145	10	351077	351177
	1/4	5/64*	0.415	0.145	5	351078	351178

* Larger stop orifice available with reduced pressure ratings; consult KIP.



Value-Added Valve Options

Take KIP Service Another Step... or Two



Take the opportunity to reduce multiple parts and multiple processes to one complete valve assembly purchase. Have all your fittings Teflon taped, installed and leadwire trimmed to the proper length and the connector of your choice attached.

KIP Incorporated offers a wide array of fittings and electrical terminations for a complete manifold or solenoid valve assembly. We offer pre-taped (Teflon) fittings, factory installed and leak checked, and shipped to you under one part number.

Let KIP show you the benefits of part number consolidation, from overall part cost to internal cost and time reduction.

Features:

- Reduce your inventory requirements
- Plan for one part rather than multiple components
- Shift quality responsibility for complete assembly to KIP

Whether you are considering design changes of an existing product or a new product development, contact KIP early in the development stage. KIP can bring a high level of application expertise and technical support to your design project.

We can evaluate the entire system, including pressure controls, fittings, transducers, gauges and overall packaging requirements, to provide you with a cost-effective system rather than a jigsaw puzzle of components.

We provide support from design through installation. When product design is completed, tested and approved, KIP will talk to your manufacturing personnel concerning packaging and handling requirements.

Don't wait any longer to contact KIP with your requirements!