

Accessories

MATING CONNECTORS AND CONNECTOR/CABLE ASSEMBLIES

Mating Connector Selection Chart

Connector/Cable Assemblies		Unamplified Output		Voltage	3-Wire
Your Transducer	Mating	6 Conductor*	4 Conductor*	Output	Curr Output
Electrical Termination	Connector Only	Order Code	Order Code	Order Code	Order Code
PTIH-10-6P	AA111	AA112	AA113	AA114	AA115
MS3102E-14S-6P	AA121	AA122	AA123	AA124	AA125
DR-4S-4H	AA141	N/A	AA143	N/A	N/A
PTIH-10-6P (250-400° F)	AA151	AA152	AA153	N/A	N/A

* Where a distance of 35 feet or more separates the readout device and the transducer, remote voltage sensing is recommended (Model NK or SC). Use 6 conductor cable in this case.



Mating Connector Description Table

Order Code	Model	Description
AA111	PTO6A-10-6S	mating connector
AA112	PTO6A-10-6S	mating connector with 50 ft. of 6 conductor cable
AA113	PTO6A-10-6S	mating connector with 15 ft. of 4 conductor cable
AA114	PTO6A-10-6S	mating connector with 15 ft. of 6 conductor cable
AA115	PTO6A-10-6S	mating connector with 15 ft. of 5 conductor cable
AA116	PTO6A-10-6S	mating connector with 15 ft. of 3 conductor cable
AA118	PTO6E-10-6S	mating connector, environmental type
AA119	PTO6A-10-6P(SR)	mating connector for Model NK
AA121	MS3106A-14S-6S	mating connector
AA122	MS3106A-14S-6S	mating connector with 50 ft. of 6 conductor cable
AA123	MS3106A-14S-6S	mating connector with 15 ft. of 4 conductor cable
AA124	MS3106A-14S-6S	mating connector with 15 ft. of 6 conductor cable
AA125	MS3106A-14S-6S	mating connector with 15 ft. of 5 conductor cable
AA128	Turck	mating connector molded to 15 ft. cable for in-line amplifiers
AA131	WK-6-21C-3/8"	mating connector
AA132	WK-6-21C-3/8"	mating connector with 50 ft. of 6 conductor cable
AA133	WK-6-21C-3/8"	mating connector with 15 ft. of 4 conductor cable
AA134	WK-6-21C-3/8"	mating connector with 15 ft. of 6 conductor cable
AA135	WK-6-21C-3/8"	mating connector with 15 ft. of 5 conductor cable
AA141	DP-4S-1	mating connector
AA143	DP-4S-1	mating connector with 15 ft. or 4 conductor cable
AA151	MS3476L10-6S	mating connector*
AA152	MS3476L10-6S	mating connector with 50 ft. of 6 conductor cable*
AA153	MS3476L10-6S	mating connector with 15 ft. of 4 conductor cable*
AA155	DIN43650	"L" plug connector, 1/2 NPTF (conduit fitting)
AA156	DIN43650	"L" plug connector, PG9 socket for 4.5-7 mm cable
AA157	DIN43650	"L" plug connector, PG11 socket for 6-10 mm cable
AA158	064-0435	mating connector (BP-50-1) with 5 ft. of low noise cable
		miniature coaxial cable
AA159	DIN43650	"L" plug connector (AA156) with 15 ft. of 4 conductor cable
AA160	064-0567	mating connector (BP-50-1) with 5 ft. of miniature coaxial cable (no noise treatment)
		"L" plug connector, PG7 socket for 3.5-6 mm cable
AA161	DIN40050	mating connector
AA162	PCO6A-10-6S	mating connector
AA163	PCO6A-10-6S	mating connector with 15 ft. of 6 conductor cable
AA165	PTO6A-10-6S	mating connector with 15ft. of shielded teflon cable (Model PA)
AA174	MS3106F-10SL-3S	mating connector
AA175	MS3106F-10SL-3S	mating connector with 15 ft. of 2 conductor, twisted cable (low noise)

*Designed for high temperature applications (250°-400° F)

Note: Available cable lengths are 15, 25, 50, 75 or 100 ft.

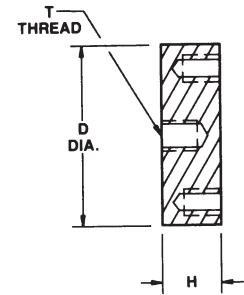
SHUNT CALIBRATION RESISTORS

Order Code	Calibration Resistance
AA211	59,000 ohm for 1.6 to 3 mV/V output
AA212	90,000 ohm for 1 to 1.5 mV/V output
AA213	200,000 ohm for less than 1 mV/V output

PULL PLATES

Order Code	Used w/Models 41 and 42 (Range in lbs.)	Used w/Model 75 (Range in lbs.)	T" Thread	D" Dia.	H	# Bolt Holes	Size	Depth
AA221	5 to 25	N/A	1/4-28 UNF-2B	2.50	.75	6	8-32	.50
AA222	50 to 1000	50 to 500	3/8-24 UNF-2B	3.00	1.00	6	1/4-28	.50
AA223	2K to 5K	1K to 2K	1/2-20 UNF	3.50	1.00	6	5/16-24	.50
AA224	7500 to 15K	3K to 7500	1-14 UNS	5.50	1.50	8	3/8-24	.75
AA225	20K to 50K	10K to 20K	1 1/2-12 UNF	6.00	1.80	8	1/2-13	1.00
AA233	N/A	30K to 50K	2-12 UNC	7.50	2.50	8	3/4-16	1.75
AA234	N/A	75K to 100K	2 1/2-12 UNC	9.00	3.00	12	5/8-18	1.00
AA226	75K to 100K	N/A	2-12 UNC	9.00	3.00	12	5/8-18	1.00
AA227	150K to 200K	N/A	2 1/2-12 UN	11.00	3.50	12	3/4-16	1.00
AA228	300K to 500K	150K to 200K	3 1/2-8	14.00	4.25	12	1-8	2.25

Note: Mounting bolts included with pull plates.

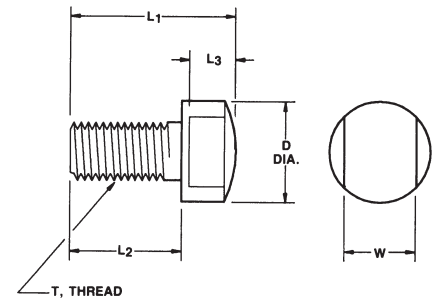


MOUNTING KITS

Order Code

AA235	Triaxial Mounting Block for Model JTF.
AA236	Insulated stud for Piezoelectric accelerometers.
AA237	U-shaped magnetic mount with 10-32 or 1/4-28 mounting screw; PA.
AA238	Mounting studs with 10-32 or 1/4-28 thread; JTF (stud mount).

LOAD BUTTONS

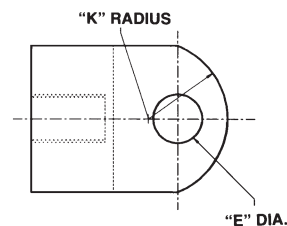
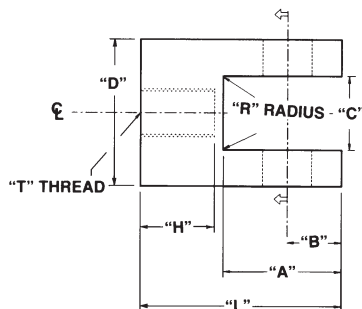


Order Code	Models 41 & 42 Range in lbs.	Model 75 Range in lbs.	T	L1"	L2"	L3"	D"	W"
AA241	5 to 25	N/A	1/4-28 UNF-2B	1.125	.750	.250	.500	.375
AA242	50 to 1K	50 to 100	3/8-24 UNF-2B	1.250	.875	.250	.750	.625
AA243	2K to 5K	1K to 2K	1/2-20 UNF	1.375	.875	.375	.750	.625
AA244	7500 to 15K	3K to 7500	1-14 UNS	2.375	1.625	.562	1.500	1.250
AA245	20K to 50K	10K to 20K	1 1/2-12 UNF	2.625	1.625	.750	2.250	2.000
AA246	75K to 100K	30K to 50K	2-12 UN	3.000	1.875	.938	3.000	2.750
AA247	150K to 200K	75K to 100K	2 1/2-12 UN	4.250	2.50	1.125	3.500	3.250
AA248	300K to 500K	150K to 200K	3 1/2-8 UN	6.000	4.000	1.500	6.000	5.000

Order Code	Model UG Range in lbs.	T	L1"	L2"	L3"	D"	W"
AA251	50 to 500	3/8-24 UNF-2B	.750	.375	.250	.750	.625
AA252	1K to 4K	1/2-20 UNF	1.000	.500	.375	.750	.625
AA253	5K to 10K	1-14 UNS	1.750	1.000	.562	1.500	1.250
AA254	15K to 30K	1 1/2-12 UNF	2.500	1.500	.750	2.250	2.000
AA255	50K to 75K	2-12 UN	3.125	2.000	.938	3.000	2.750
AA256	100K to 150K	3-8 UN	5.000	3.000	1.500	4.500	4.000
AA257	200K	4-8 UN	6.000	4.000	1.500	5.500	5.000

Order Code	Models 45 & 47 Range in lbs.	T	L1"	L2"	L3"	D"	W"
AA290	250; 500; 1K	5/8-18 UNF-3A	1.28	1.00	.28	1.06	0.94
AA291	2.5K; 5K	1-1/4-12 UNF-3A	1.56	0.69	1.49	1.75	1.25
AA292	12.5K; 25K	1-3/4-12 UNF-3A	3.75	2.12	1.63	2.50	1.75
AA293	50K	2-3/4-8 UNF-3A	5.00	3.12	1.88	4.00	2.75

YOKE SHACKLE



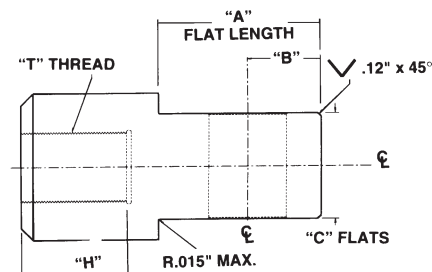
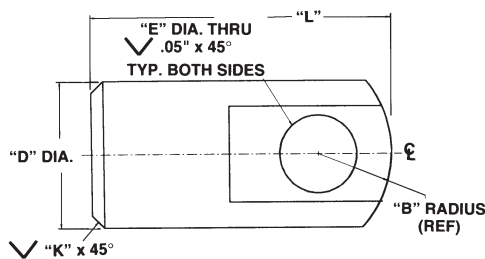
(For Models RM and 31 only)
(STAINLESS STEEL)

Order Code	Static Load Rating*	"T" Thread	"A"	"B"	"C"	"D" Dia.	"E" Dia.	"L" Length	"H"
AA360	100,000 lb	2 1/2-8 UN-2B	6.50"	3.00"	3.04"	6.00"	3.010"	10.25"	3.50"
AA361	100,000 lb	2 1/2-12 UN-2B	6.50"	3.00"	3.04"	6.00"	3.010"	10.25"	3.50"
AA362	50,000 lb	1 1/2-12 UNF-2B	4.35"	1.81"	2.54"	5.00"	1.76"	7.00"	2.25"
AA363	20,000 lb	1-14 UNF-2B	2.42"	1.11"	1.52"	3.00"	1.01"	4.25"	1.50"
AA364	10,000 lb	3/4-16 UNF-2B	1.94"	.94"	1.28"	2.50"	.76"	3.50"	1.25"
AA365	5,000 lb	1/2-20 UNF-2B	1.30"	.55"	.78"	1.75"	.51"	2.00"	.70"

(CARBON STEEL)

Order Code	Static Load Rating*	"T" Thread	"A"	"B"	"C"	"D" Dia.	"E" Dia.	"L" Length	"H"
AA370	120,000 lb	2 1/2-12 UN-2B	6.00"	2.75"	3.00"	6.00"	3.00"	9.50"	3.50"
AA371	45,600 lb	1 1/2-12 UNF-2B	4.00"	1.75"	2.50"	5.00"	1.75"	6.25"	2.25"
AA372	21,700 lb	1-14 UNF-2B	2.31"	1.00"	1.50"	3.00"	1.00"	3.94"	1.63"
AA373	11,200 lb	3/4-16 UNF-2B	1.75"	.75"	1.25"	2.50"	.75"	2.88"	1.13"
AA374	4,900 lb	1/2-20 UNF-2B	1.25"	.50"	.75"	1.75"	.50"	2.00"	.75"

TONGUE SHACKLE



(For Models RM and 31 only)
(STAINLESS STEEL)

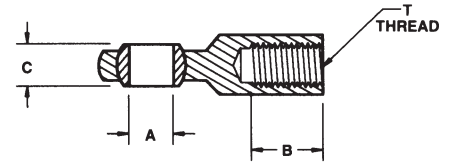
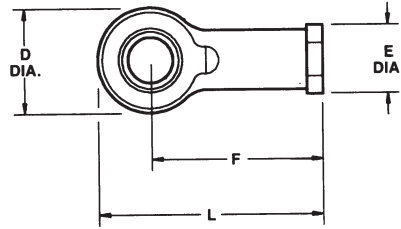
Order Code	Static Load Rating*	"T" Thread	"A" Flat Length	"B"	"C" Flats	"D" Dia.	"E" Dia.	"L" Length	"H"
AA380	100,000 lb	2 1/2-8 UN-2B	6.38"	3.00"	3.00"	4.50"	3.01"	9.75"	3.56"
AA381	100,000 lb	2 1/2-12 UN-2B	6.38"	3.00"	3.00"	4.50"	3.01"	9.75"	3.56"
AA382	50,000 lb	1 1/2-12 UNF-2B	4.22"	2.03"	2.50"	3.00"	1.76"	7.00"	2.62"
AA383	20,000 lb	1-14 UNF-2B	2.54"	1.16"	1.50"	2.00"	1.01"	4.00"	1.25"
AA384	10,000 lb	3/4-16 UNF-2B	2.07"	.94"	1.25"	1.50"	.76"	3.25"	1.31"
AA385	5,000 lb	1/2-20 UNF-2B	1.30"	.55"	.75"	1.00"	.51"	2.00"	.70"

(CARBON STEEL)

Order Code	Static Load Rating*	"T" Thread	"A" Flat Lengths	"B"	"C" Flats	"W" Width	"E" Dia.	"L" Length	"H"
AA390	110,000 lb	2 1/2-12 UN-2B	9.13"	3.00"	3.00"	6.00"	3.00"	9.13"	3.50"
AA391	45,000 lb	1 1/2-12 UNF-2B	5.75"	1.75"	2.50"	3.50"	1.75"	5.75"	2.25"
AA392	21,700 lb	1-14 UNF-2B	3.81"	1.00"	1.50"	2.00"	1.00"	3.81"	1.63"
AA393	12,000 lb	3/4-16 UNF-2B	2.81"	.75"	1.25"	1.50"	.75"	2.81"	1.13"
AA394	5,700 lb	1/2-20 UNF-2B	2.00"	.50"	.75"	1.00"	.50"	2.00"	.75"

*The static load rating is the maximum capacity in lbs. for that part based on a 4:1 load factor (in tension).

ROD END BEARINGS



(For Models RM and 31 only)

Order Code	A"	B"	C"	D" Dia.	E" Dia.	F"	L"	T Thread	Approx. Wt (lbs)	Safe Static Load Rating
AA271	.250	.687	.375	.750	.500	1.312	1.687	1/4-28 UNF	.05	3500 lb
AA272	.375	.812	.500	1.000	.687	1.625	2.125	3/8-24 UNF	.13	5500 lb
AA273	.500	1.062	.625	1.312	.875	2.125	2.781	1/2-20 UNF	.29	9500 lb
AA274	.750	1.562	.875	1.750	1.125	2.875	3.750	3/4-16 UNF	.63	15000 lb

PRESSURE PORT ADAPTERS



(STAINLESS STEEL)

Order Code

Pressure Port A

Pressure Port B

AA310	9/16 - 18 UNF Male	1/4 - 18 NPT Male
AA311	1/4 - 18 NPT Female	1/8 - 27 NPT Female
AA312	1/4 - 18 NPT Female	7/16 - 20 UNF Female (MS33649-04)
AA313	1/4 - 18 NPT Female	7/16 - 20 UNF Male (MS33656-E4)
AA314	1/4 - 18 NPT Male	1/8 - 27 NPT Female
AA315	1/4 - 18 NPT Male	7/16 - 20 UNF Female (MS33649-04)
AA316	1/4 - 18 NPT Male	7/16 - 20 UNF Male (MS33656-E4)
AA317	1/8 - 27 NPT Male	7/16 - 20 UNF Male (MS33656-E4)
AA318*	1/4 - 18 NPT Male	1/4 - 18 NPT Male
AA319	1/4 - 18 NPT Female	1/4 - 18 NPT Female

* Maximum pressure range is 6000 psi.

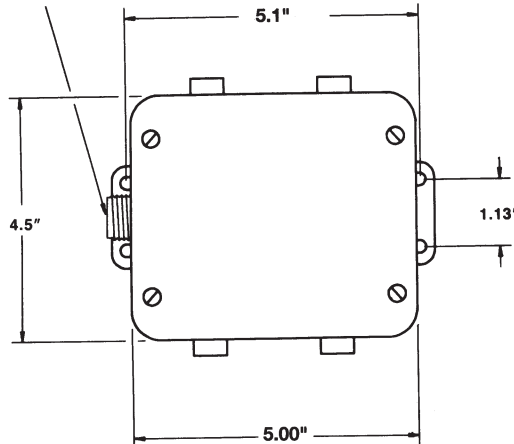
The pressure ports indicated describe the adapter, which may be installed in either direction.

MISCELLANEOUS

Order Code

AA180	Signature Calibration Module (In-Line)
AA911	4 Transducer (maximum) Summing Junction Box
AA912	Set of 5 Mating Connectors for Summing Junction Box
AA921	Explosion Proof Enclosure (Gage or Absolute Pressure)
AA922	Explosion Proof Enclosure (Differential Pressure)
AA923	GM NEMA-4 Splashguard for 1/8 DIN
AA924	GM Bench Mount Adapter
AA925	Bench Top/Handle (1/8 DIN)
AA926	Bench Top/Handle (3/8 DIN)
AA927	Panel Mount Adapter (1/8 DIN)
AA928	Panel Mount Adapter (3/8 DIN)
AA937	LVDT mounting block (DC/DC only)
AA940	M14 x 11/2mm (M) to G 1/4 B(M) 60° Internal Cone
AA951	Power supply for unamplified transducers, voltage output:10VDC, current output: 4-20mA max.

OUTPUT CONNECTOR
MS 3102A-14S-6S



4-Transducer Summing
Junction Box

