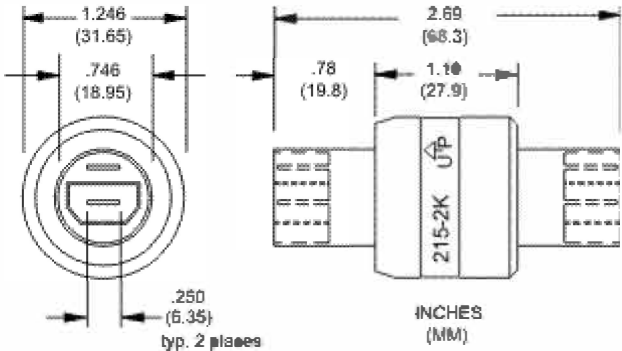


Model 215-2K

Two Conductors,
2@15amps & 2,000V



Disconnects included (4 lg.)
[Boot Kit](#) available
Available with stainless steel
ball bearing (215-2KSS)

Mercotac model 215-2K series is ideal for high-voltage, two-wire applications such as ultrasonic welding.

Model No.	Terminals	Voltage AC/DC	Amp Rating @2000VAC	Max. Freq. MHz	Contact Resistance	Max. RPM	Temp Max. F (C) / Min. F (C)	Rotation Torque (gm-cm)	Circuit Separation
215-2K	2	0-2,000	15	100	<1mΩ	1200	140 (60) / -20(-29)	400	>50MΩ
215-2KSS	2	0-2,000	15	100	<1mΩ	1200	140 (60) / -20(-29)	400	>50MΩ

"SS" designator indicates stainless steel ball bearing (recommended for wet or corrosive environments)

Model 215-2K Accessories



57235
[Boot Kit](#) for dust or splash protection IP51



552KA
Terminal 22 - 18 AWG (qty. 4 included)



55253
Shrink Tube (qty. 4 included)

Terminals for 16-14 AWG wires available (p/n 552KB).

Model 215-2K Standard Wire Connections



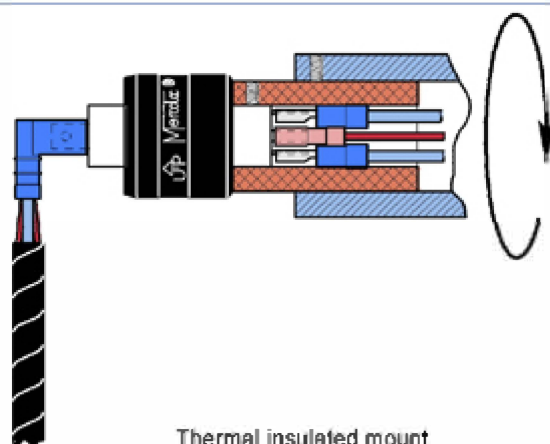
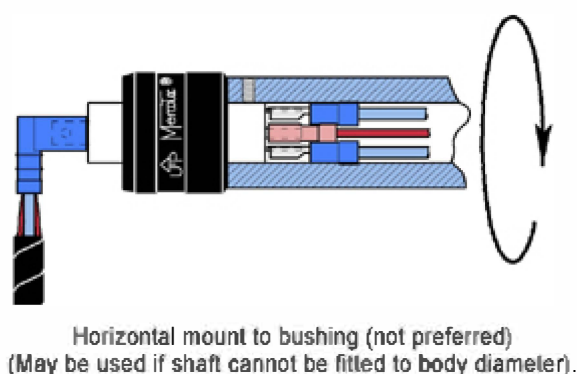
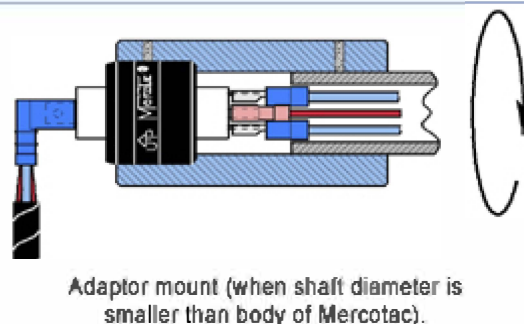
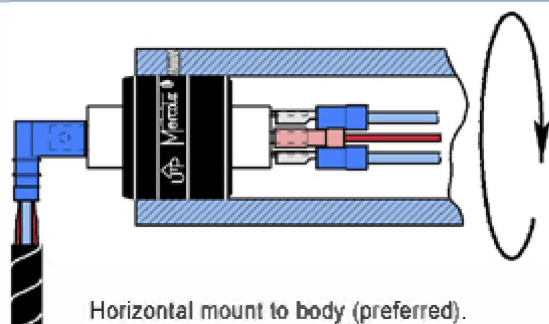
Model 215-2K Wire Connections With Optional Boot

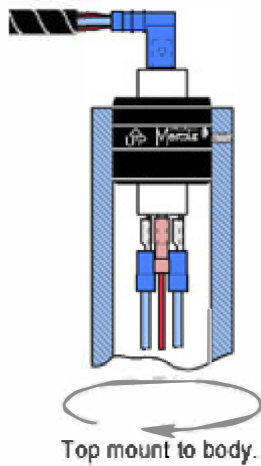


▼ Model 215-2K Suggested Mounting Methods

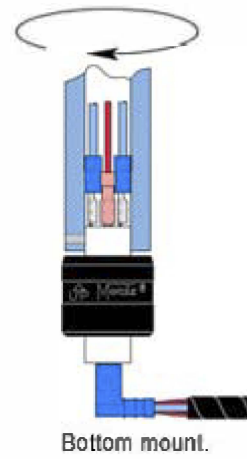
Model 215-2K is typically mounted by either the black body or the white plastic bushing on either end using a set screw. When mounting horizontally, mount the Mercotac so the body of the connector rotates.

Typical Body Mount Hole Dimensions			
MODEL	HOLE DIAMETER (Ø) *		DEPTH
215-2K, et al	1.248"	(31.7)	.80" (20.3)
Typical Bushing Mount Hole Dimensions			
215-2K, et al	.748"	(19.0)	.80" (20.3)
*Inch (mm) Tolerance Ø	+.001" (+.025)		
	-.000" (-.000)		

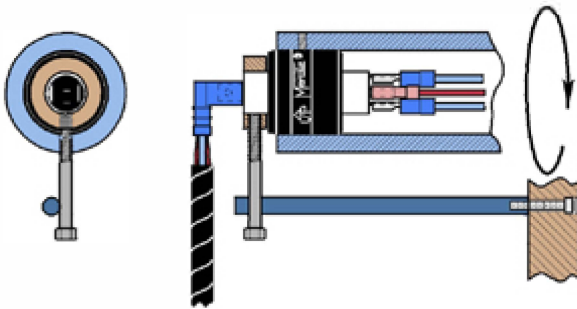




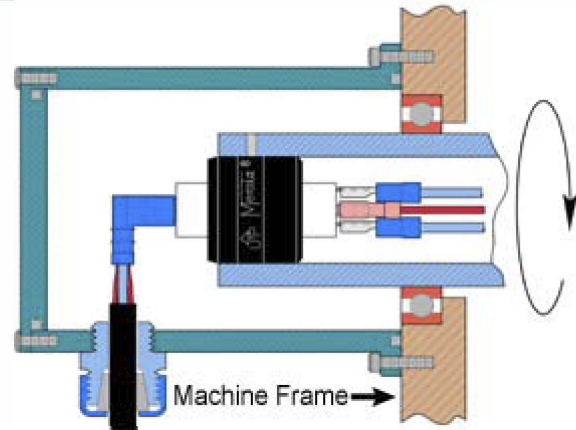
Top mount to body.



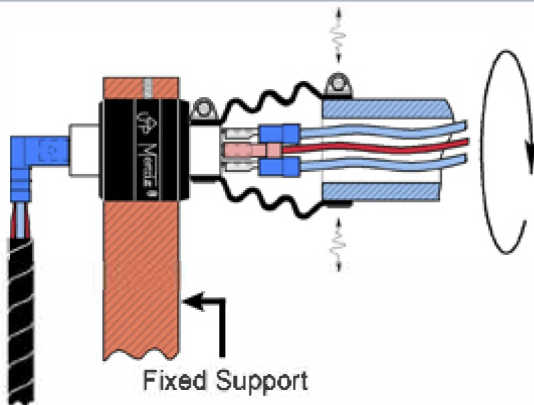
Bottom mount.



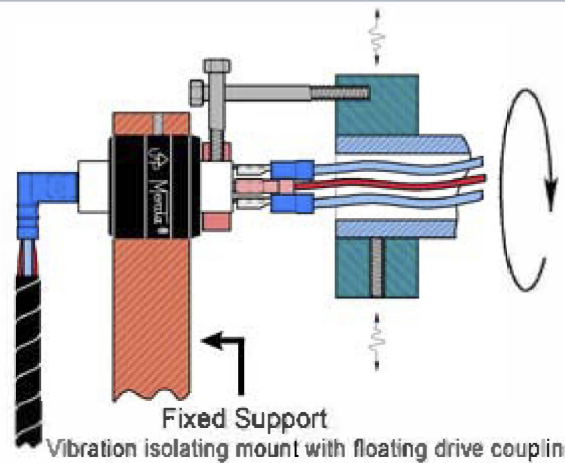
Floating torque arm mount.



Machine Frame →
Protective housing mount
(Recommended for wash-down or dirty environments.
Also recommended for food processing applications).



Fixed Support
Vibration isolating mount with flexible bellows.



Fixed Support
Vibration isolating mount with floating drive coupling.

Installation Notes:

- the up arrow should not point below horizontal
- do not solder to or bend connector tabs
- avoid lateral forces and mechanical loads (overly stiff or tight wires)
- do not rigid mount both ends of connector
- limit mounting eccentricity (runout / wobble) to .005" (.13mm)
- provide overload protection within the circuit
- avoid vibration and bumping motions