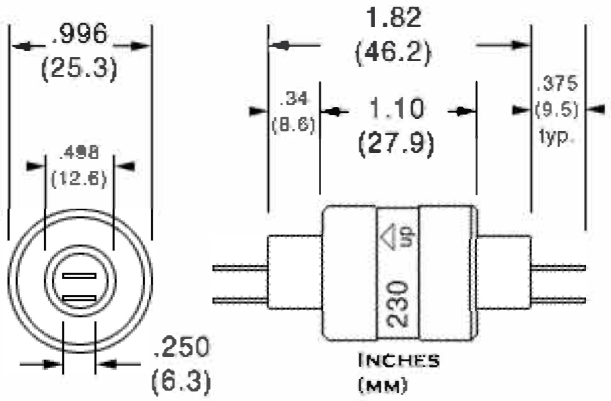
Model 230

Two Conductors,
30 Amps



Disconnects included (4 lg.)
Boot Kit available
Available with stainless steel ball bearing (230-SS)

Model No.	Terminals	Voltage AC/DC	Amp Rating @240VAC	Max. Freq. MHz	Contact Resistance	Max. RPM	Temp Max. F (C) / Min. F (C)	Rotation Torque (gm-cm)	Circuit Separation
230	2	0-250	30	200	<1mΩ	1800	140 (60) /-20(-29)	200	>25MΩ
230-SS	2	0-250	30	200	<1mΩ	1800	140 (60) /-20(-29)	200	>25MΩ

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

Model 230 Accessories

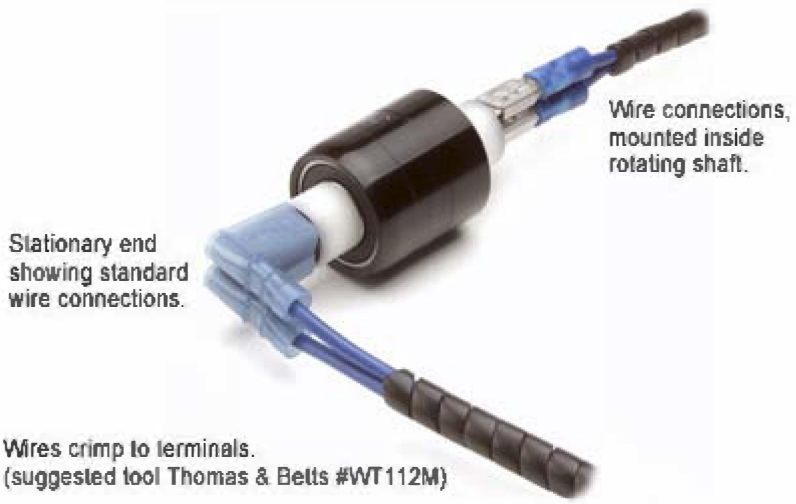
55251
Terminal 16 - 14 AWG
(qty. 2 included)

57230
Boot Kit for dust / splash protection
IP51

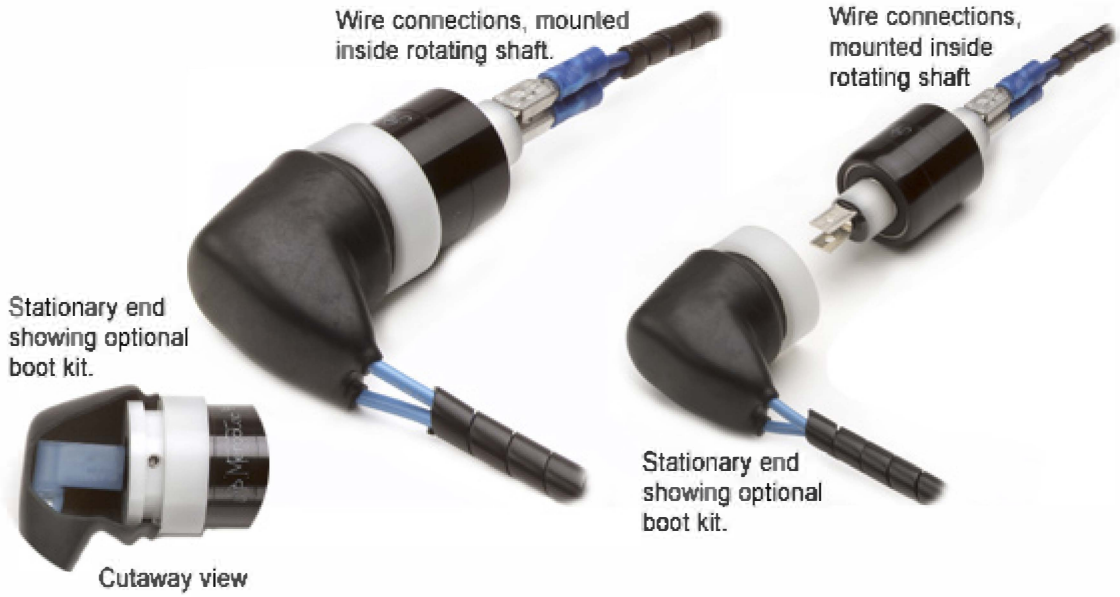
55250
16 - 14 AWG (qty. 2 included)

Terminals for other wire gauges available.
(22-18 AWG and 12-10 AWG)

Model 230 Standard Wire Connections



Model 230 Wire Connections With Optional Boot Kit



Model 230 Suggested Mounting Methods

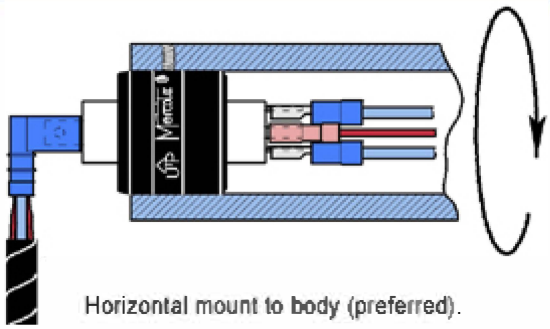
Model 230 is typically mounted by the black body or the white plastic bushing on either end using a set screw. When mounting horizontally, mount the Mercotac so the body of the connector rotates.

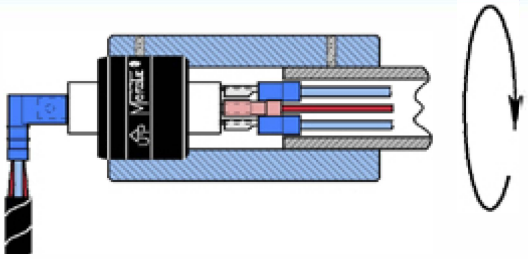
Typical Body Mount Hole Dimensions

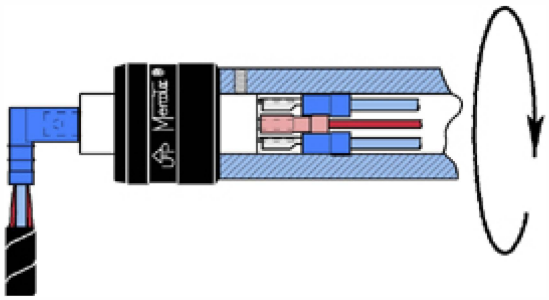
MODEL	HOLE DIAMETER (Ø) *	DEPTH
230 et al	.998" (25.35)	.80" (20)

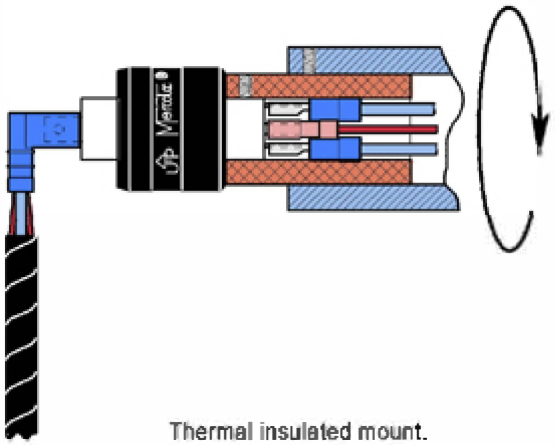
Typical Bushing Mount Hole Dimensions

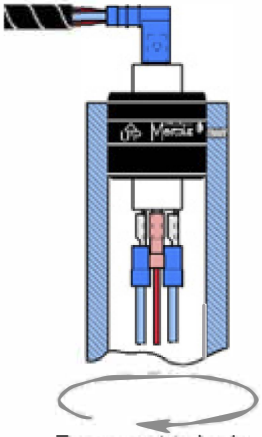
230 et al	.500" (12.70)	.40" (10)
*Inch (mm) Tolerance Ø	+.001" (+.025) -.000" (-.000)	


Horizontal mount to body (preferred).

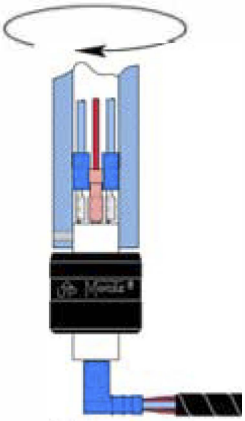

Adaptor mount (when shaft diameter is smaller than body of Mercotac).


Horizontal mount to bushing (not preferred)
(May be used if shaft cannot be fitted to body diameter).

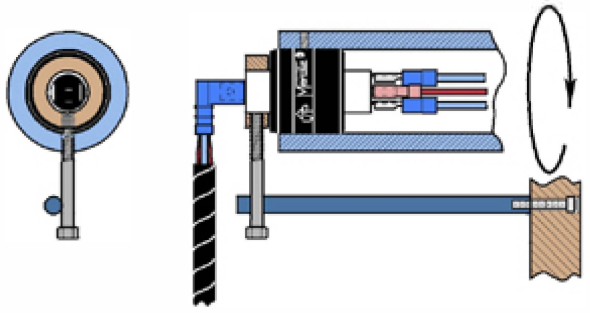

Thermal insulated mount.



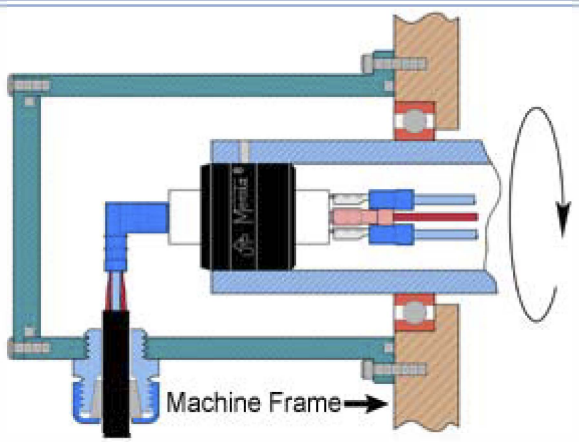
Top mount to body.



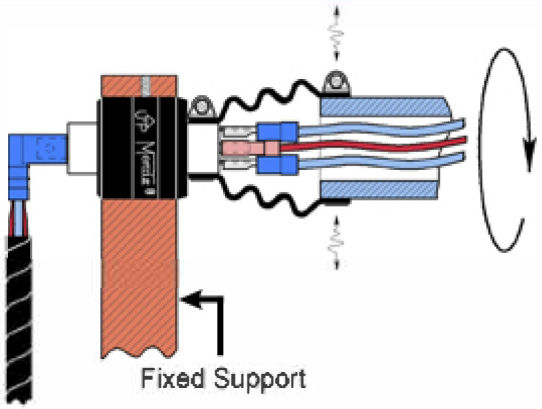
Bottom mount.



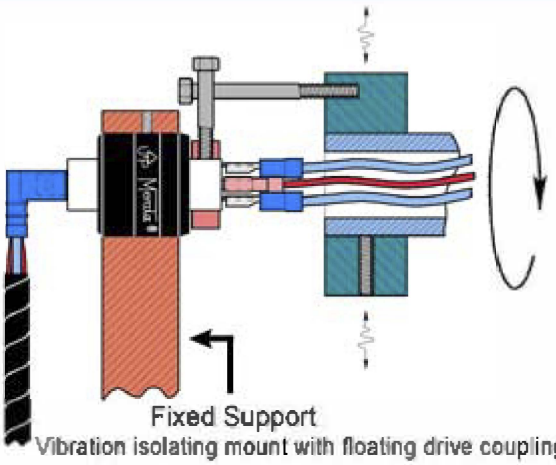
Floating torque arm mount.



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



Vibration isolating mount with flexible bellows.



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