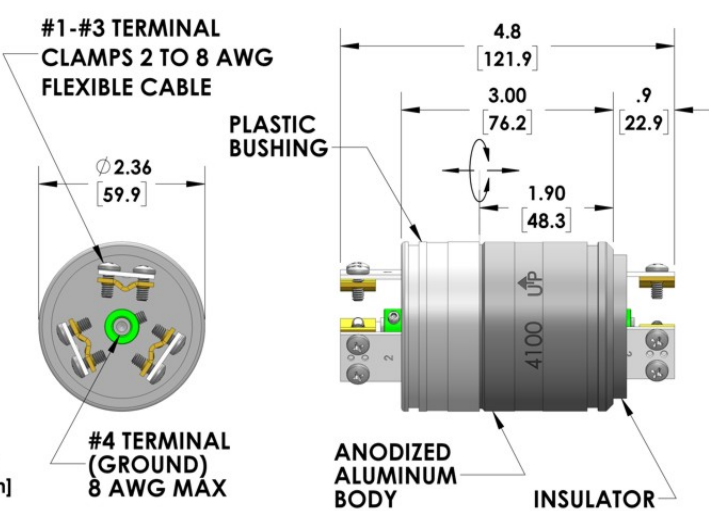


Model 4100

Four Conductors, 3@100amps & 1@60amps 500V



Wire connection clamps included

Model No.	Terminals	Voltage AC/DC	Amp Rating @500VAC	Max. Freq. MHz	Contact Resistance	Max. RPM	Temp Max. F (C) / Min. F (C)	Rotation Torque (gm-cm)	Circuit Separation
4100	4	0-500	3@100,1@60	100	<1mΩ	100	160(70) /-20(-29)	2500	>50MΩ

Connector housing material is anodized aluminum

Model 4100 Standard Wire Connections



Model 4100 Accessories



41080
Grounding Collar w/ screw
(qty 2 included)



41081
Tab Clamp w/ screws
(qty 6 included)

Model 4100 Suggested Mounting Methods

Model 4100 is typically mounted by the black anodized aluminum body using a set screw. When mounting horizontally, mount the Mercotac so the body of the connector rotates. For vertical orientation with the rotating member above, mount to the model 4100 top (gray) plastic bushing.

MODEL	Typical Body Mount Hole Dimensions	DEPTH
4100	HOLE DIAMETER (Ø) * 2.365" (60.07)	3.00" (76.2)

Typical Vertical Top Bushing Mount Hole Dimensions

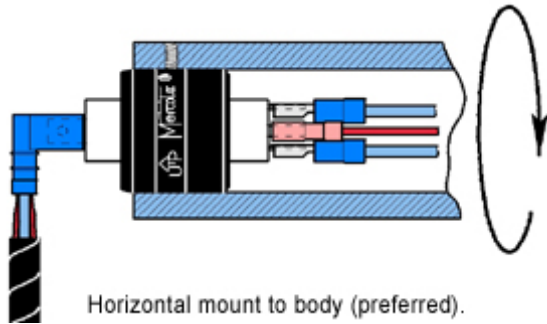
4100

2.365" (60.07)

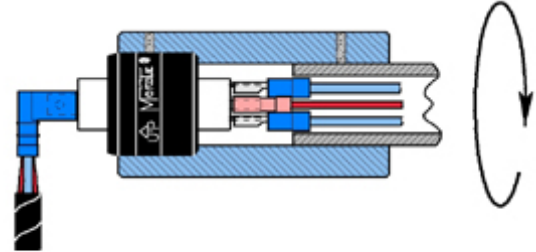
2.50" (63.5)

*Inch (mm) Tolerance Ø

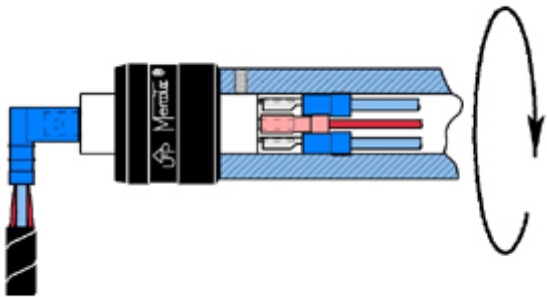
+0.001" (+.025)
-0.000" (-.000)



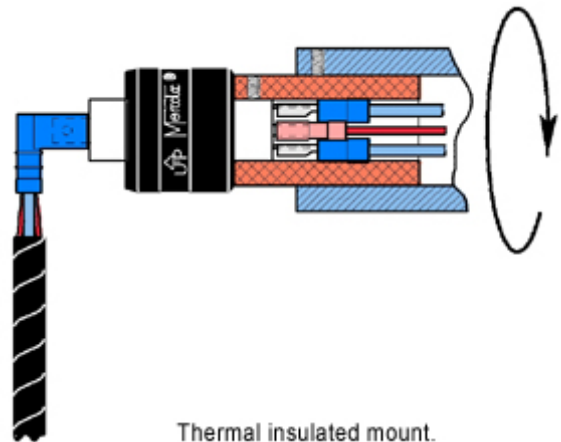
Horizontal mount to body (preferred).



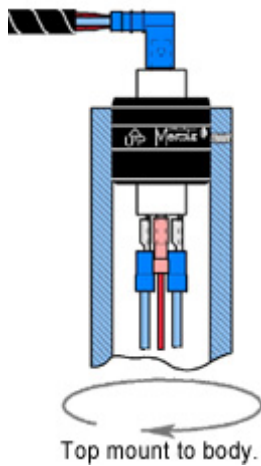
Adaptor mount (when shaft diameter is smaller than body of Mercotac).



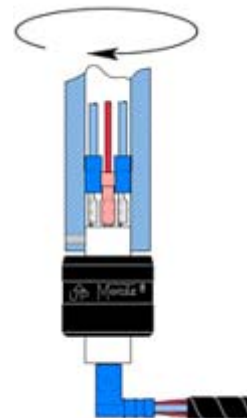
Horizontal mount to bushing (not preferred)
(May be used if shaft cannot be fitted to body diameter).



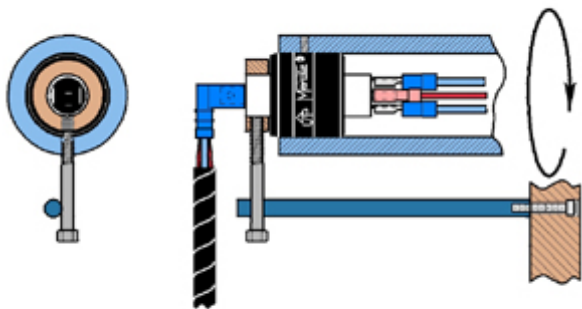
Thermal insulated mount.



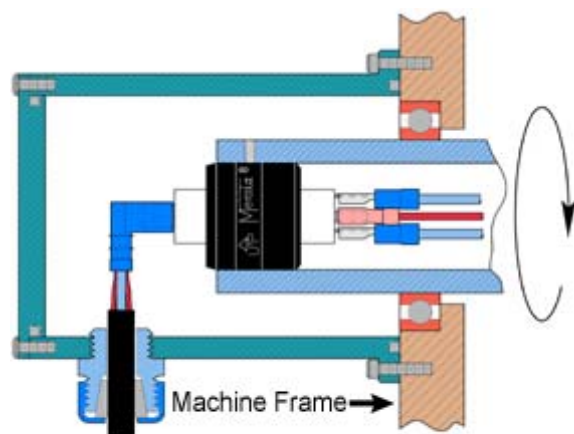
Top mount to body.



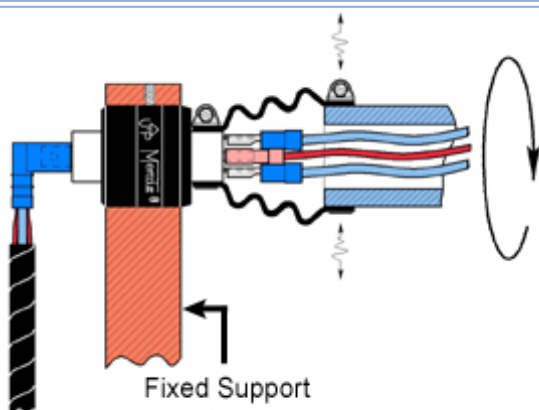
Bottom mount.



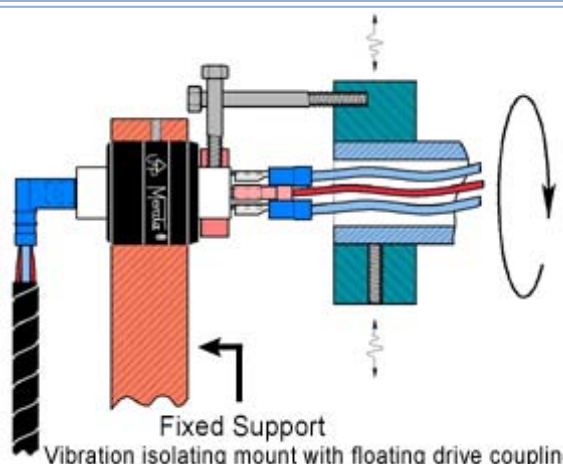
Floating torque arm mount.



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