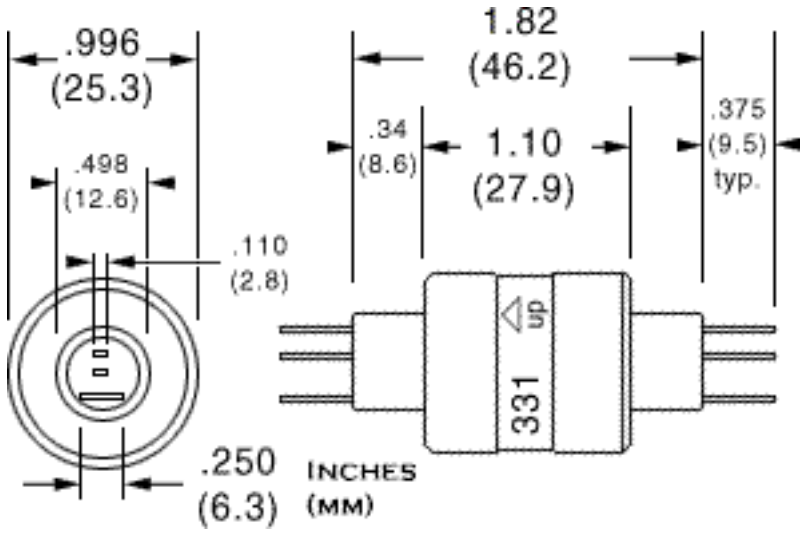
Model 331 series



Mercotac 331 is the perfect solution for 3 wire applications (2+1) thanks to its very compact size, affordable price and the quality of signals delivered.

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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
331	3	0-250	2@4/1@30	100	<1mΩ	1800	140 (60) /-20(-29)	200	>25MΩ
331-SS	3	0-250	2@4/1@30	100	<1mΩ	1800	140 (60) /-20(-29)	200	>25MΩ

Model 331 Accessories

55251
Terminal 16 - 14 AWG
(qty. 1 included)

55250
16 - 14 AWG (qty. 1 included)

57230
Boot Kit for dust / splash protection
IP51

55110
22 - 18 AWG (qty. 4 included)

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

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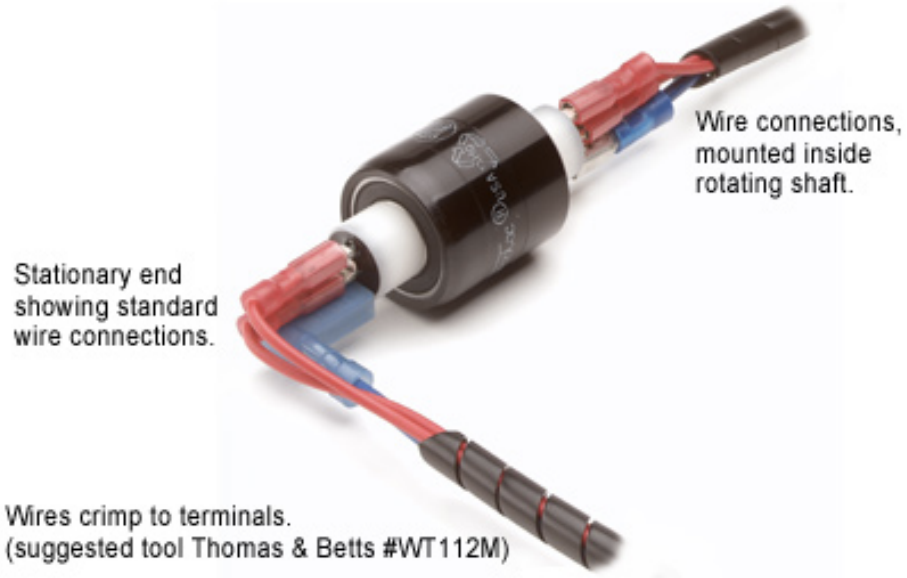
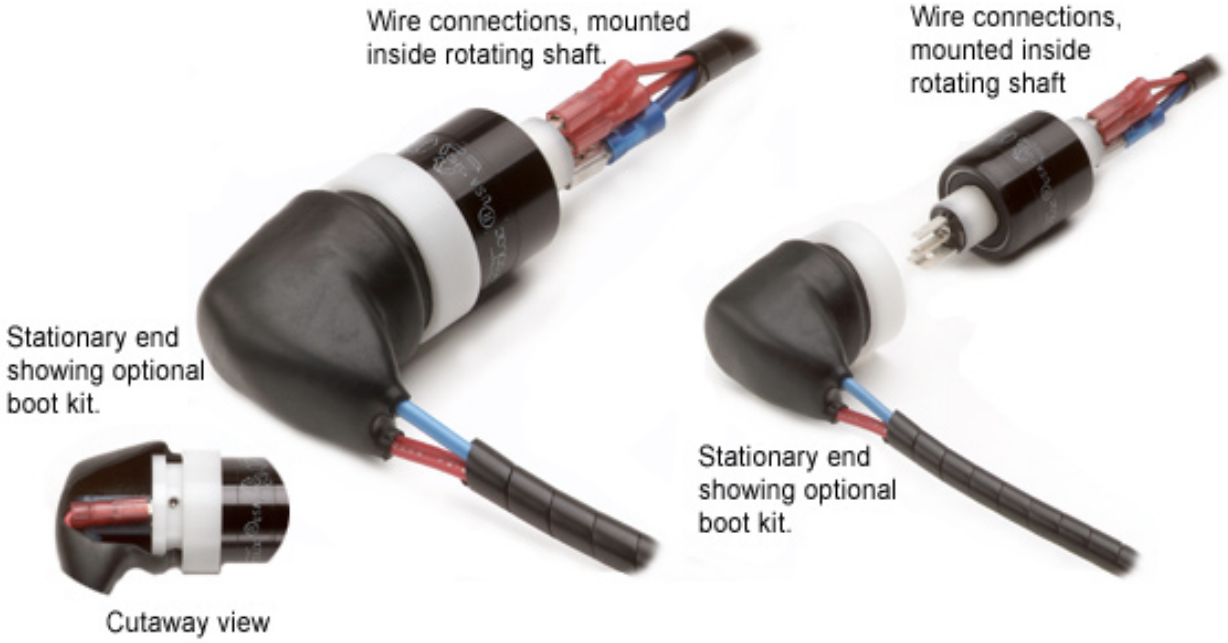
www.enerspin.it - info@enerspin.it

Model 331 Standard wire connections



Model 331 Wire connections with optionals boot kit



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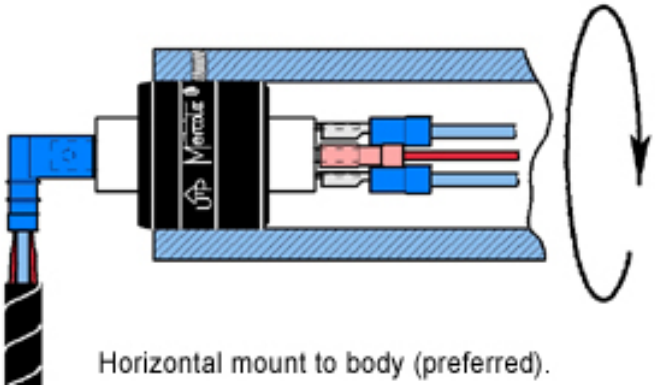
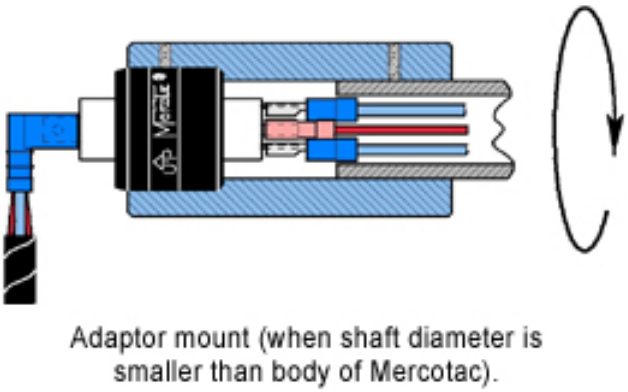
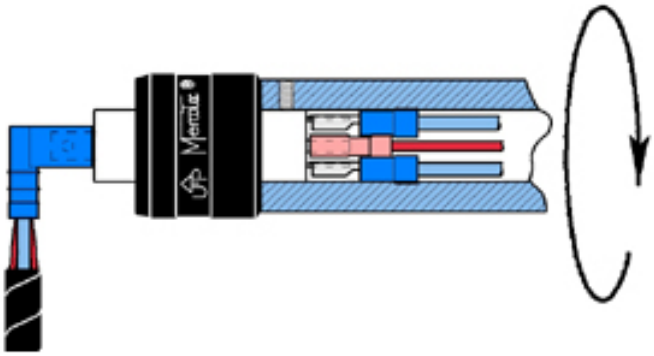
Model 331 Suggested mounting methods



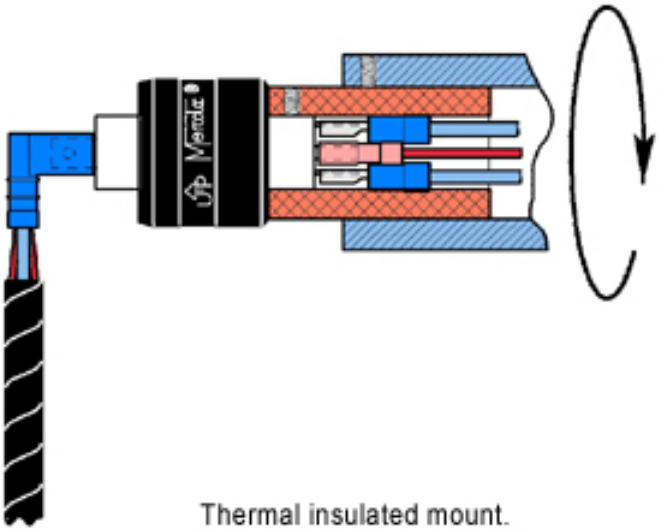
Horizontal mount to body (preferred).



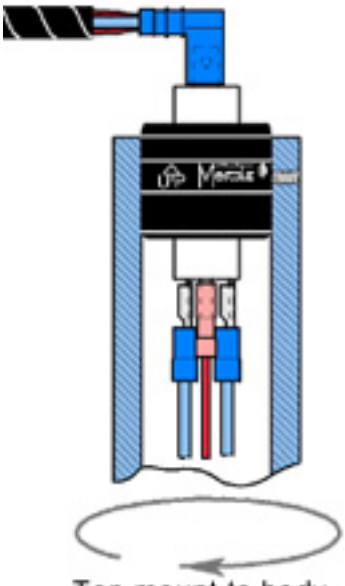
Adaptor mount (when shaft diameter is smaller than body of Mercotac).



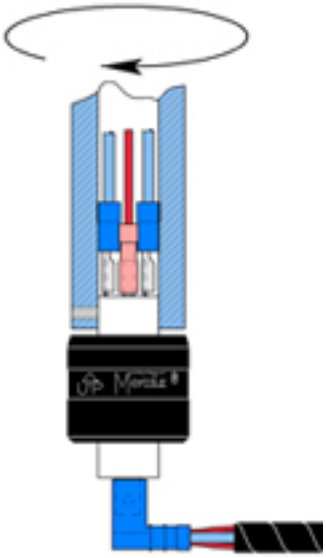
Horizontal mount to bushing (not preferred)
(May be used if shaft cannot be fitted to body diameter).



Thermal insulated mount.



Top mount to body.



Bottom mount.

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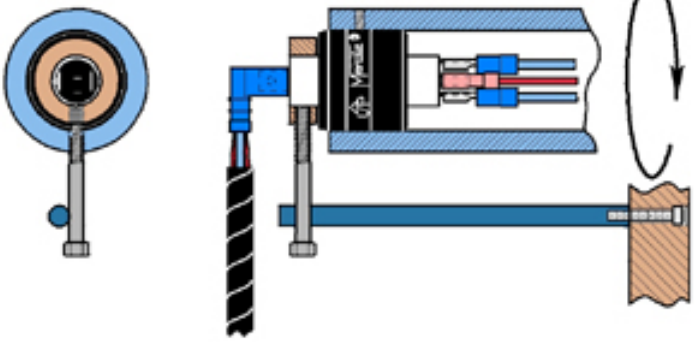
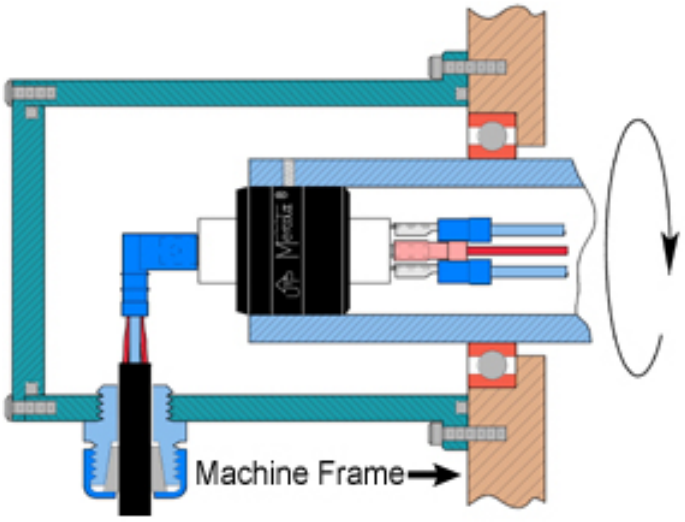
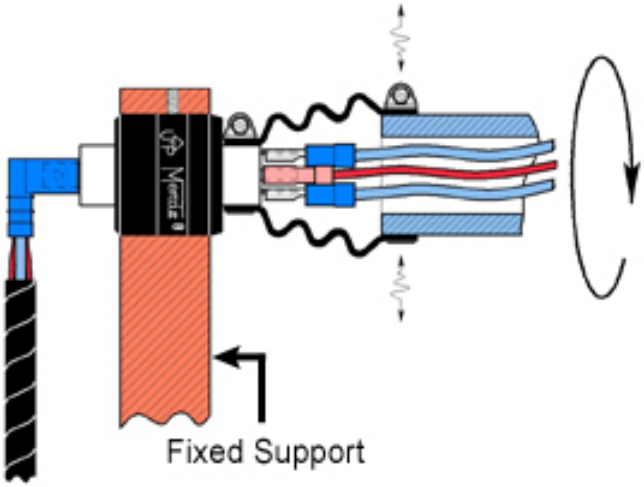


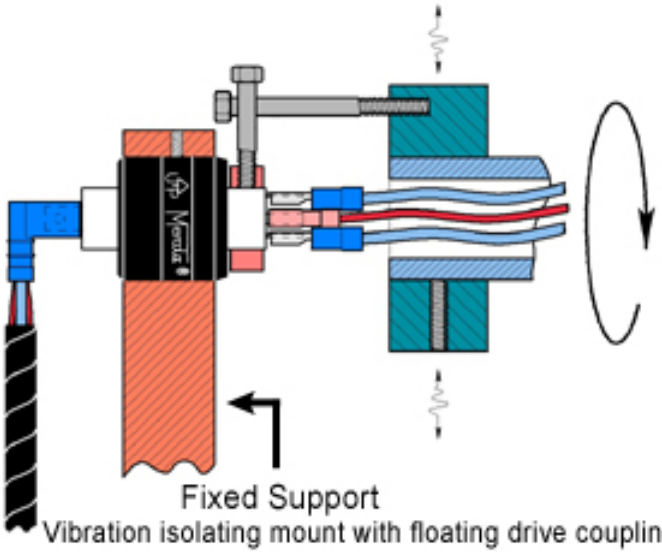
Floating torque arm mount.



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.

Model 331 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