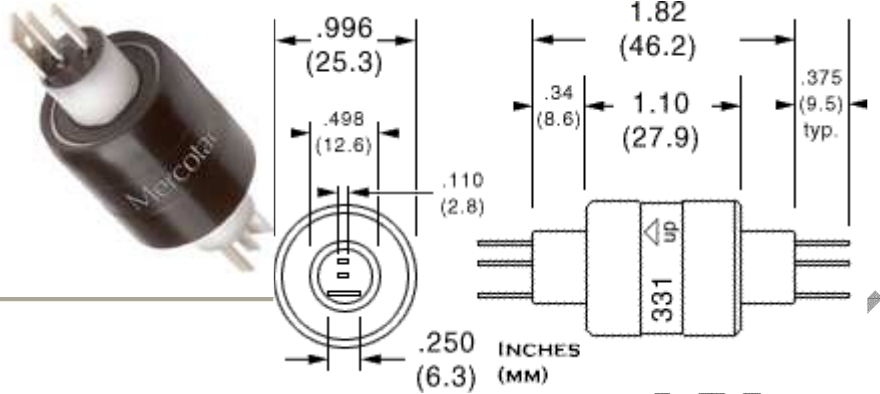


Model 331
Three Conductors,
2@4amps, 1@30amps



Disconnects included
(4 sm., 2 lg.)
Boot kit available
Available with stainless steel ball bearings
(331-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
331	3	0-250	2@4/1@30	100	<1m Ω	1800	140 (60) /- 20(-29)	200	>25M Ω
331-SS	3	0-250	2@4/1@30	100	<1m Ω	1800	140 (60) /- 20(-29)	200	>25M Ω

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

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)

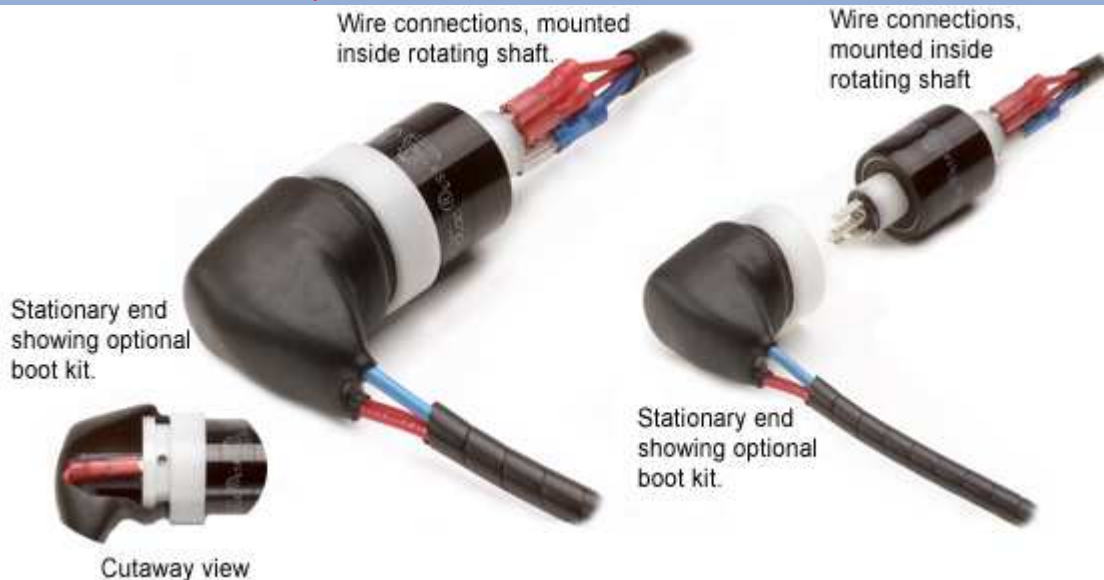
Terminals for other wire gauges available.
(22-18 AWG and 12-10 AWG)



331 Standard Wire Connections



331 Wire Connections With Optional Boot Kit



331 Suggested Mounting Methods

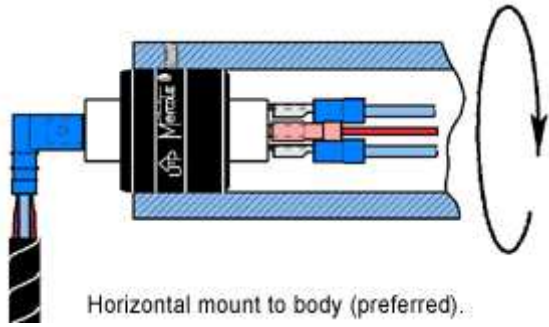
Model 331 is typically mounted by either the black body or the white plastic bushing on either end using a set screw. When mounting horizontally, mount the Mercotac so the body of the connector rotates.

Typical Body Mount Hole Dimensions

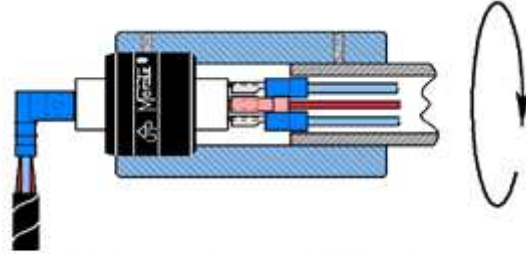
MODEL	HOLE DIAMETER (Ø) *	DEPTH
331 et al	.998" (25.35)	.80" (20)

Typical Bushing Mount Hole Dimensions

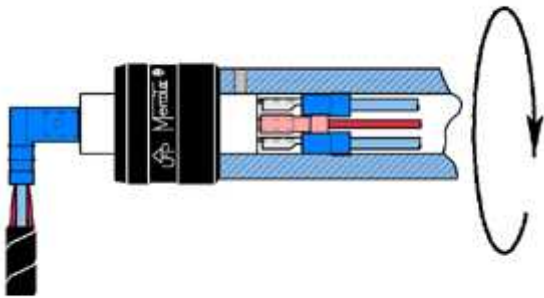
331 et al	.500" (12.70)	.40" (10)
*Inch (mm) Tolerance	+.001" (+.025)	
Ø	-.000" (-.000)	



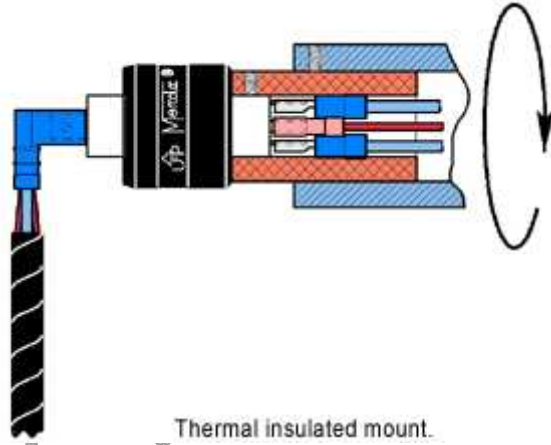
Horizontal mount to body (preferred).



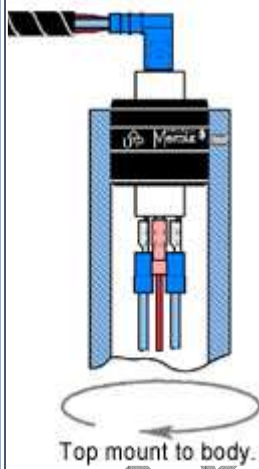
Adaptor mount (when shaft diameter is smaller than body of Mercotac).



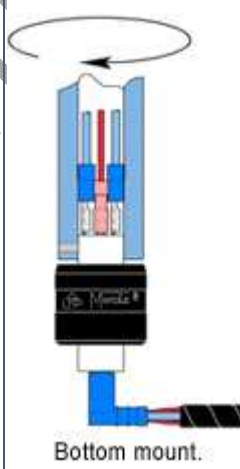
Horizontal mount to bushing (not preferred)
(May be used if shaft cannot be fitted to body diameter).



Thermal insulated mount.

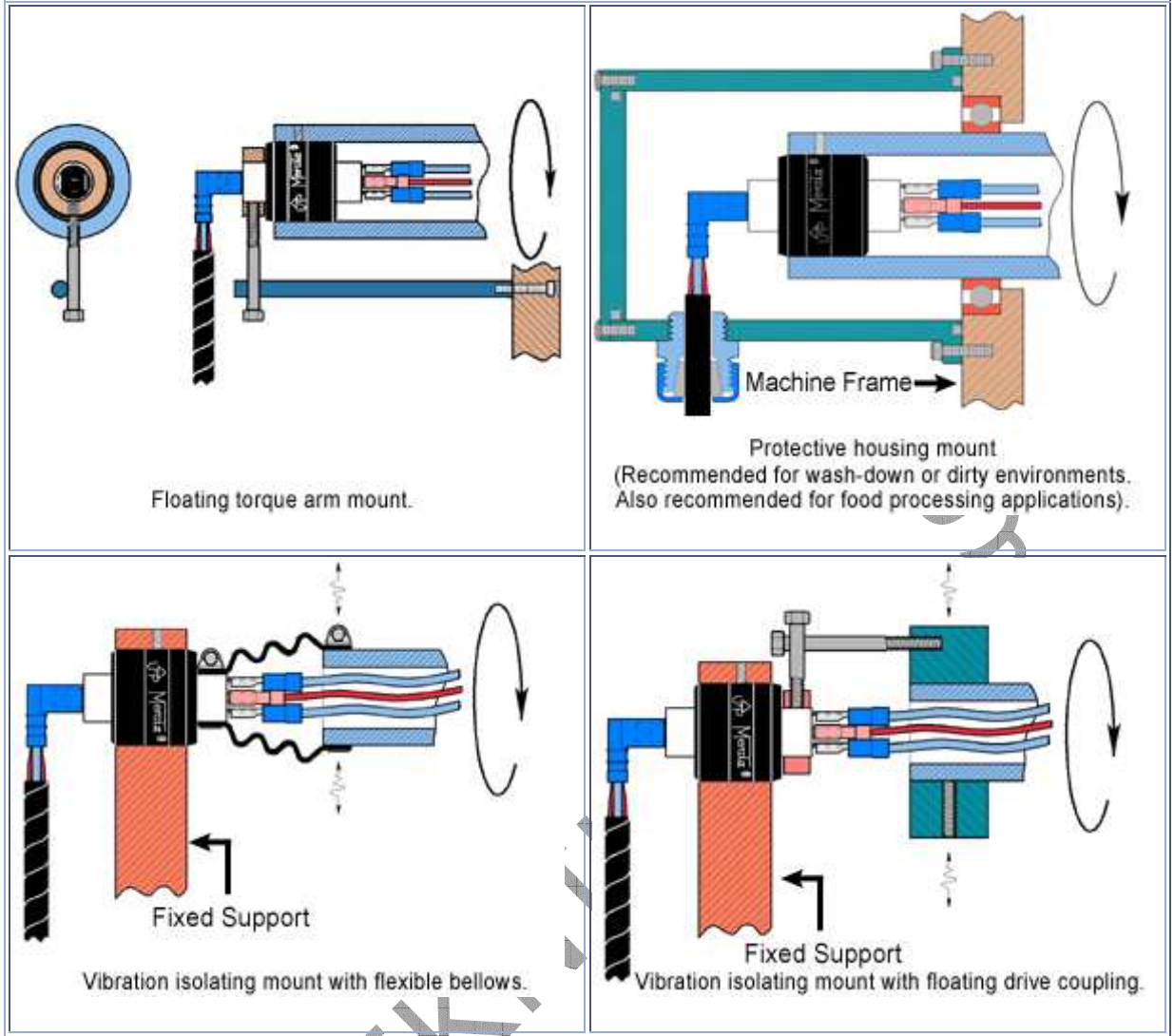


Top mount to body.



Bottom mount.

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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



İmaj Teknik Elektrik Elektronik San. ve Tic. Ltd. Şti.

EMEYEMEZ MAH.TUTSAK SOK. NO: 16/13-14-15
KARAKÖY/İSTANBUL
TURKEY

Telefon : +90 212 235 9535 / 36
Fax : +90 212 235 9537

www.imajteknik.com
www.imajteknik.com.tr