

# Endura-Trac™ Standard W Series

The Endura-Trac™ Series of slip ring assemblies were developed for a wide variety of applications and environments. The flexible design and through bore capability of up to 9 inches, along with many other options make it ideal for a designer to incorporate into new and retrofit applications. Modular construction allows a range of signal and power combinations with power circuits up to 30 amps and signal circuits up to 5 amps. These slip ring assemblies are a quick turn solution for your application. Off the shelf components allow for a delivery which meets your needs.

## TYPICAL USES

- PACKAGING MACHINES
- INDEX TABLES
- PAPER AND FILM CONVERTING
- ROTARY MACHINES
- MACHINE TOOLS
- AUTOMATION EQUIPMENT
- MEDICAL EQUIPMENT
- SURVEILLANCE EQUIPMENT
- INSPECTION EQUIPMENT



**Kontakt: Schweiz und Fürstentum Liechtenstein**

**Peromatic GmbH**

Gubelstrasse 28  
rue Confédération 29  
info@peromatic.ch

CH-8050 Zürich  
CH-2300 La Chaux-de-Fonds  
www.peromatic.ch

Fon +41-(0)43 300 60 60  
Fon +41-(0)32 927 37 20

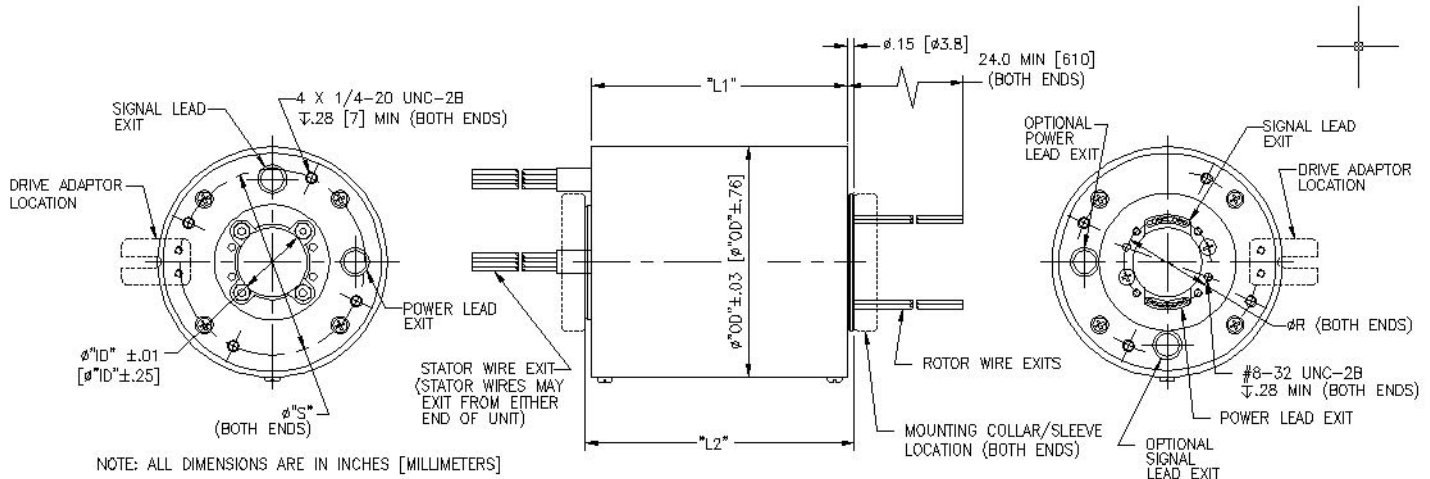
Fax +41-(0)43 300 60 79  
Fax +41-(0)32 927 37 22

**MOOG**  
COMPONENTS GROUP

**MARINE & ENERGY | INDUSTRIAL | AEROSPACE & DEFENSE**

# Endura-Trac™

## Standard W Series



### POWER CIRCUITS

Up to 12 power circuits:  
30 A/600 volts

### SIGNAL CIRCUITS

Up to 24 signal circuits:  
5 A/250 volts

### DIELECTRIC STRENGTH INSULATION RESISTANCE

1000 volts 50Hz for 10 seconds  
>200MΩ at 1000 volts DC

### TEMPERATURE RANGE

-20°C to +90°C

### MAXIMUM SPEED

60 RPM

### TERMINALS

Power Circuits - 12 AWG flying leads  
Signal Circuits - 20 AWG flying leads

### MOUNTING

Shaft mounting

### OPTIONS

Bore sizes other than nominal  
Open frame  
Drive adaptor for stator de-rotation  
Longer lead lengths  
Special wiring or harness requirements (coaxial, twinaxial and triaxial cable, thermocouple)  
Sealed cover kit  
High voltage option to 3000 V  
Various power and signal configurations available.

BORE SIZE	ID (ACTUAL)	OD	S	R
1.00 [25.4]	1.02 [25.91]	4.50 [114.30]	3.533 [89.74]	1.396 [35.46]
1.5" [38.1]	1.52 [38.61]	5.00 [127.00]	4.033 [102.44]	1.896 [48.16]
3.0" [76.2]	3.02 [76.71]	6.50 [165.10]	5.488 [139.40]	3.396 [86.26]
4.0" [101.6]	4.02 [102.11]	7.50 [190.50]	6.500 [165.10]	4.396 [111.66]

To determine length of overall unit, use the following formulas or contact us for assistance.

xx = Total number of signal rings

yy = Total number of power rings

$$l1 = .2(xx) + .4(yy) + .80$$

$$l2 = .2(xx) + .4(yy) + 1.09$$

Number of signal rings (multiples of 4)

Number of power rings (multiples of 2)	0	4	8	12	16	20	24
0	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.

Manufactured in an ISO 9001-2000 registered facility.

10/05