

R11XC107

SIZE 11 BRUSHLESS RESOLVER WITH SHAFT

MICRONOR

automation components

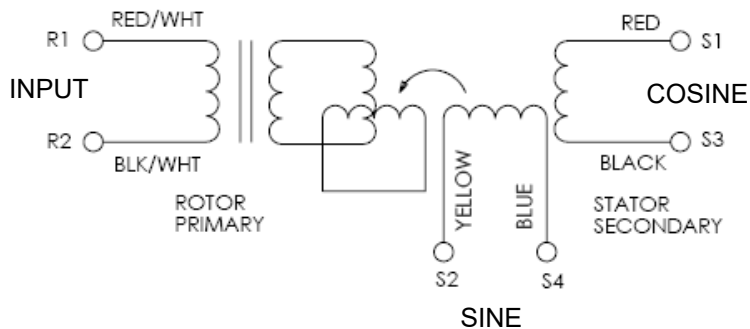
Products

R11XC107 is a Size 11, Control Transmitter-type Brushless Resolver equivalent to Micron 73-204-860 and Harowe 11BRCX-300- C95/6. It is a single speed resolver, optimized for 1000 Hz operation, TR=0.45 and ± 7 arcmin (0.12°) accuracy.



Diagram

Lead Color	Function
Red/White	Rotor 1
Black/White	Rotor 2
Red	Stator 1
Yellow	Stator 2
Black	Stator 3
Blue	Stator 4

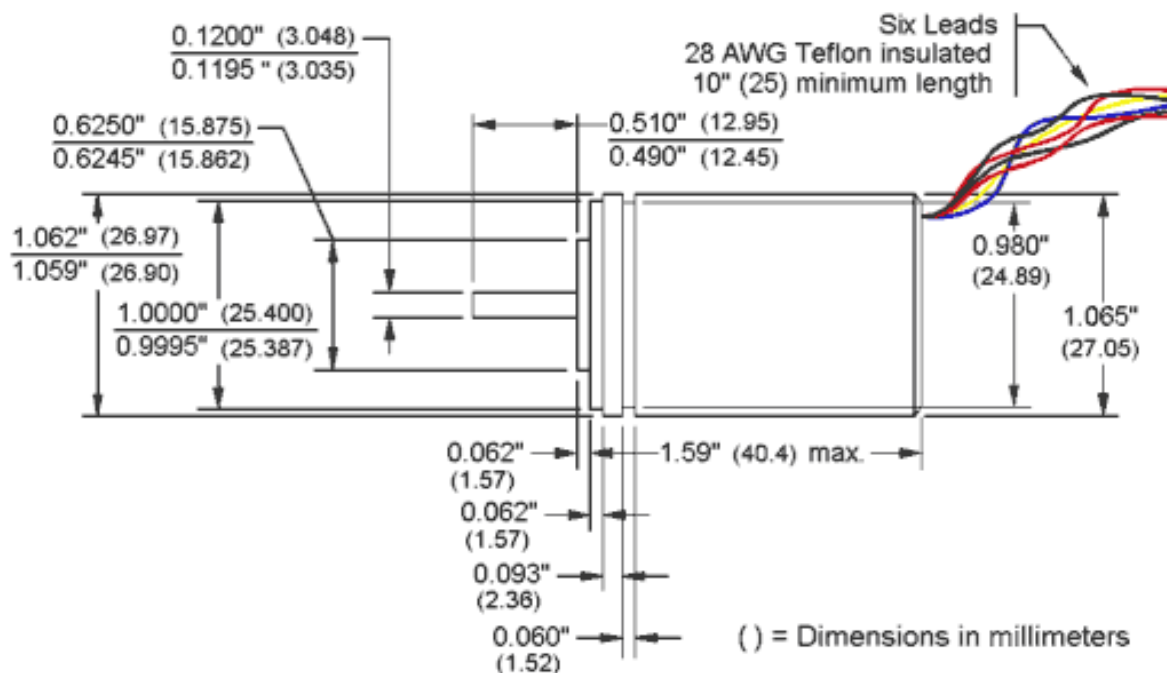


Specifications

Specifications Subject To Change Without Notice

Parameters measured at 25 °C

Speed	1
Excitation Frequency	1000 Hz $\pm 5\%$
Transformation Ratio (TR)	0.45 $\pm 5\%$
Input Voltage and Frequency	6.0V, 1000 Hz
Input Current	25mA max.
Input Power	104mW max.
Output Voltage	2.7 V
Impedances (Ohms)	
ZRO	106 +j109
ZRS	87 + j78
ZSO	95 + j72
ZSS	78 + j50
Phase Shift (Degree Leading)	-+6°
DC Rotor Resistance (Ohms)	16 Ω
DC Stator Resistance (Ohms)	40 Ω
Total Null Voltage (mV)	15
Accuracy Max Error (at 25°C)	± 7 arcmin (0.117°)
Shaft Loading (Max.)	2 lbs. radial / 1 lbs. axial
Starting Torque	0.08 oz-in
Moment of Inertia	0.51×10^{-4} oz-in-sec ²
Starting Torque	0.08 oz-in
Operating Temperature	-40°C to +125°C



Order: R11XC107

Related Items:

- R11BHW50FF533 replaces Micron 73-206-879 / Clifton 11-BHW-50F/F533B
- R11XA107 replaces Harowe 11BRCX-300-A95
- R11XC107 replaces Micron 73-204-860 / Harowe 11BRCX-300-C95/6
- R11XG1071 replaces Micron 73-205-144 / Harowe 11BRCX-300-G95/6
- R11XJ107 replaces Micron 73-204-671 / Harowe 11BRCX-300-J95C
- R11WF103 replaces Micron 73-202-730 / Harowe 11BRW-300-F95A

For additional technical information, contact Micronor and request:

- MICRON Replacement Position Transducers Data Sheet

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