

R11XJ107

SIZE 11 BRUSHLESS RESOLVER WITH SHAFT

MICRONOR
automation components

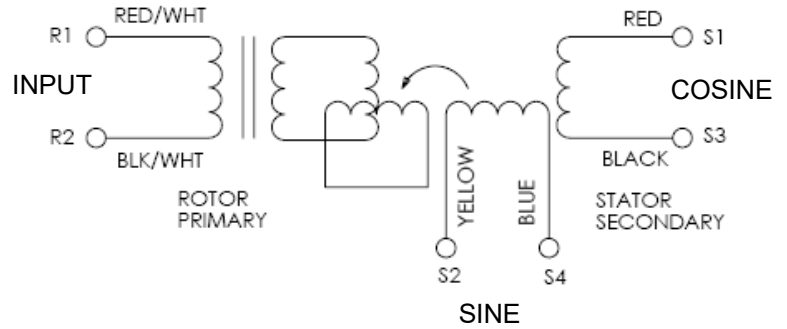
Products

R11XJ107 is a Size 11, Control Transmitter-type Brushless Resolver equivalent to Micron 73-204-671 and Harowe 11BRCX-300- J95C. It is a single speed resolver, optimized for 5kHz operation, TR=0.95 and ± 7 arcmin (0.12°) accuracy. A radiation resistant version is also available.



Diagram

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



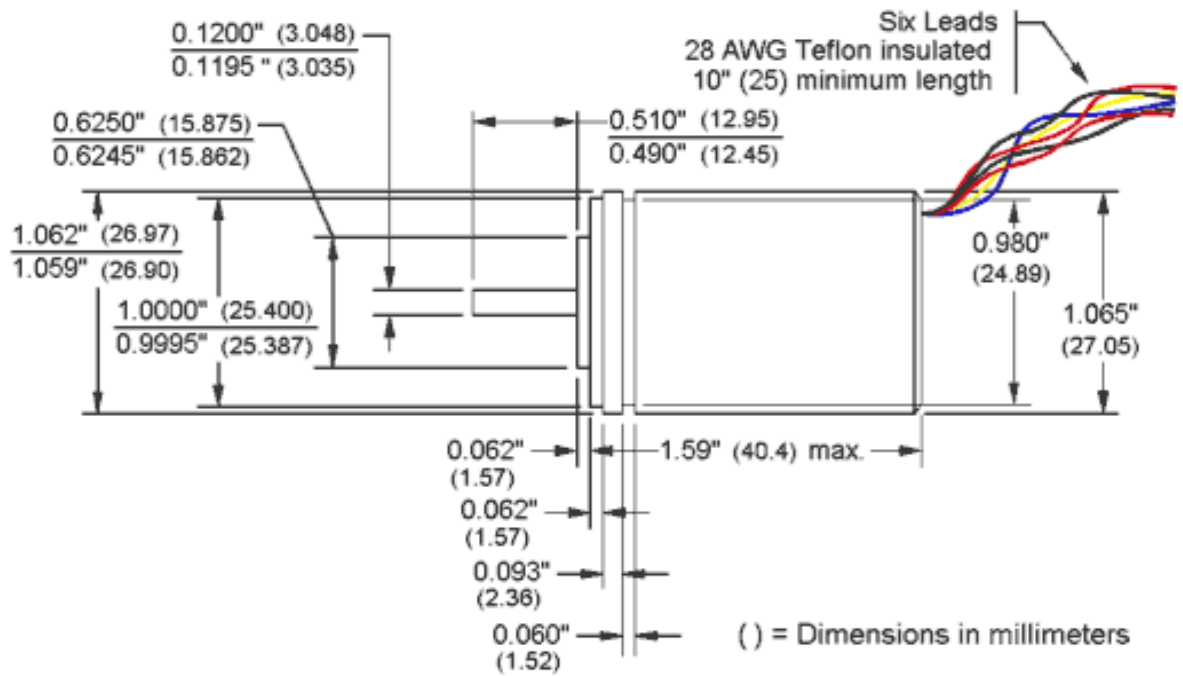
Specifications

Specifications Subject To Change Without Notice

Parameters measured at 25 °C

Speed	1
Excitation Frequency	5 kHz $\pm 5\%$
Transformation Ratio (TR)	0.95 $\pm 5\%$
Input Voltage and Frequency	7.0V, 5000 Hz
Input Current	17.0mA max.
Input Power	90mW max.
Output Voltage	6.65V
Impedances (Ohms)	
ZRO	240 + j245
ZRS	110 + j173
ZSO	412 + j590
ZSS	170 + j394
Phase Shift (Degree Leading)	-6°
DC Rotor Resistance (Ohms)	16 Ω
DC Stator Resistance (Ohms)	41 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

Reference Drawing



Ordering Info

Micronor P/N R11XJ107 Standard

Micronor P/N R11XJ107N Radiation Resistant

Related Items:

- R11WF103 replaces Micron 73-202-730 / Harowe 11BRW-300-F95A
- R11BHW50FF533 replaces Micron 73-206-879 / Clifton 11-BHW-50F/F533B

For additional technical information, contact Micronor and request:

- MICRON Replacement Position Transducers Data Sheet

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