

# Resolver

Shaft Type, Brushless Resolver  
TS2369N8000E33 | Size 08

## Description

TAMAGAWA Brushless Resolver is a compact angular position sensor and designed for MIL standard. Single resolver with shaft & integrated ball bearing is the standard and realize high accuracy and resolution. This typical aviation angular position sensor is used for wide variety of applications. Size 08 and larger sizes are available.

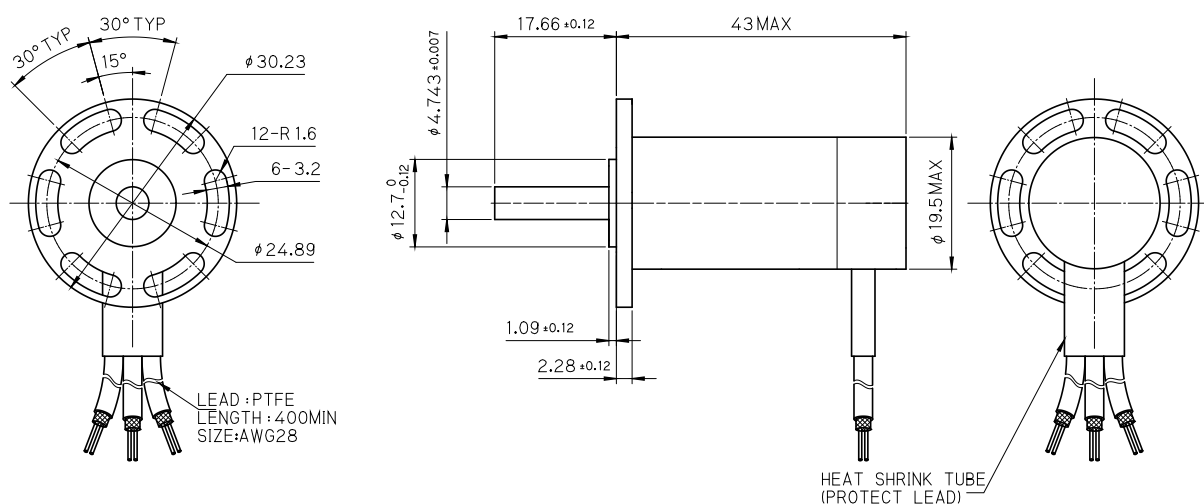
## Features

- Brushless configuration enables High Reliability
- Decades of experiences in the field of Aircraft application
- Small size & Lightweight
- Provide cost effective approach
- Custom designs available



2 Conductors PTFE  
Shielded Cable

## Outline



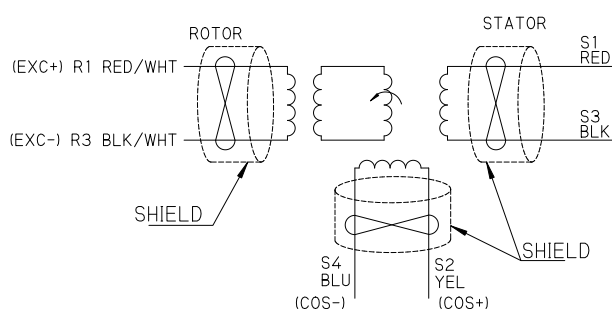
\*Dimensions are in mm

## Specifications

Function	1X-BRX, Size 08
Input Voltage	7 Vrms, 3000 Hz
Transformation Ratio	0.5 $\pm$ 0.018 %
Electrical Error	$\pm$ 10 minutes MAX
Input Current	7 mA MAX
Dielectric Strength	AC 750 Vrms, 60 s
Insulation Resistance	100 M $\Omega$ MIN, DC 500 V
Mass	100 g MAX
Temperature Range	-55 °C to +70 °C
Housing and Shaft Material	Stainless Steel

## Schematic

### Wiring Diagram

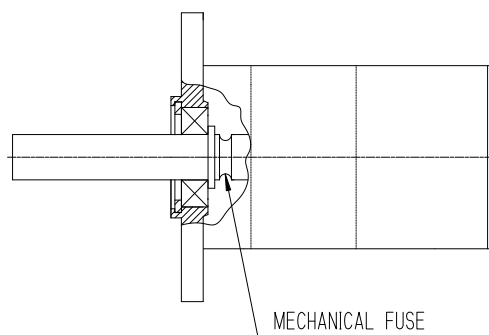


## Production

- Automatic Test Equipment



### Options - Mechanical fuse



### Options - Flange housing

