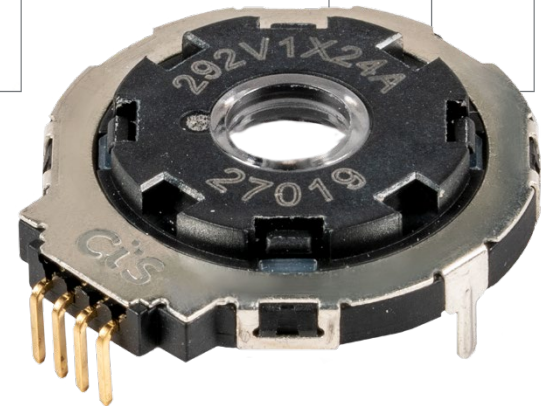




Series 292 Optical Ring Encoder

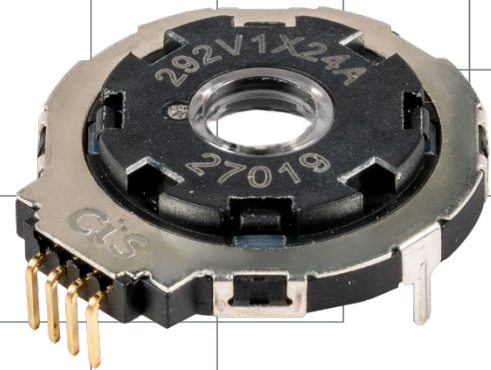
March 2020





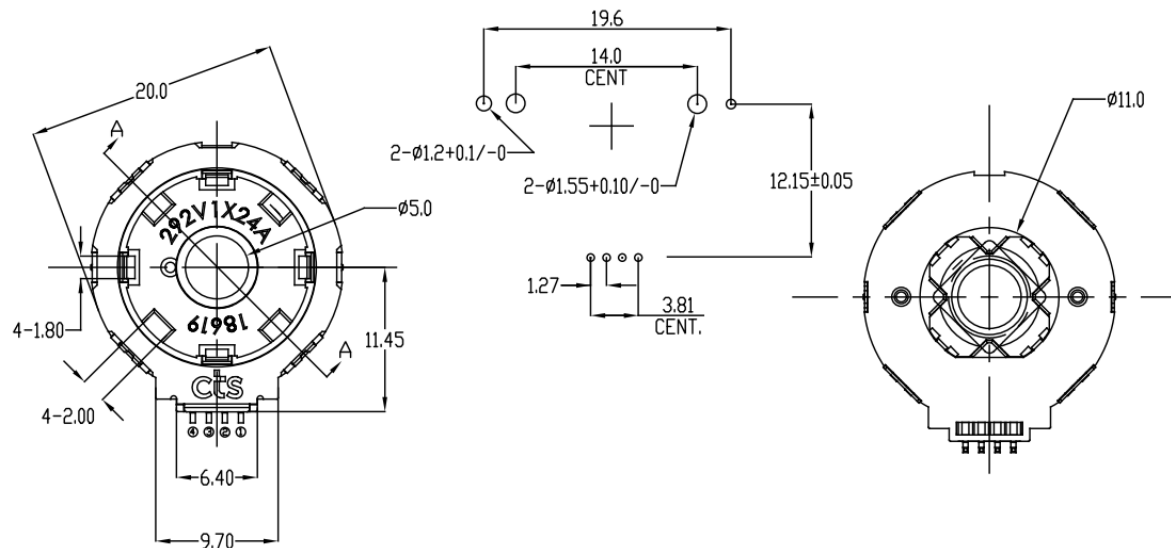
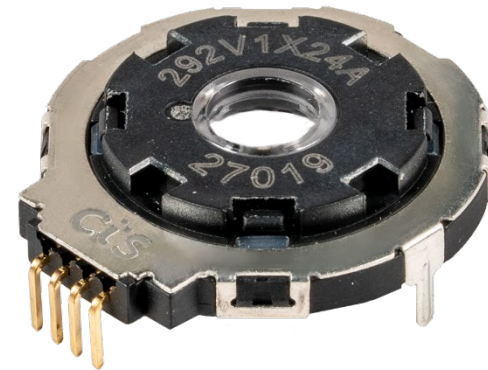
Agenda

- Product Overview
- Features & Benefits
- Product Custom/Value Added Capabilities
- Target Applications
- Sales Collateral
- Product Availability



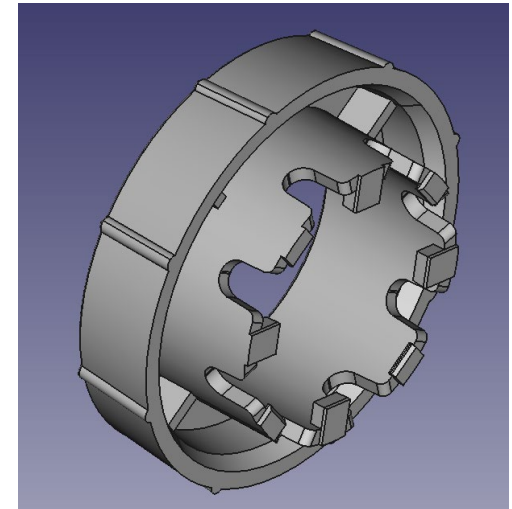
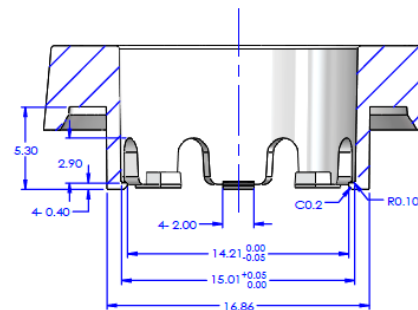
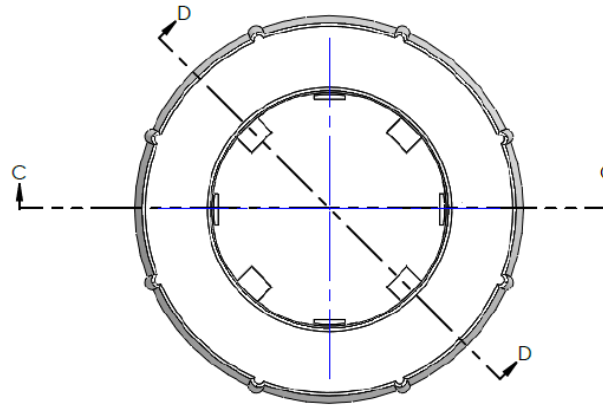
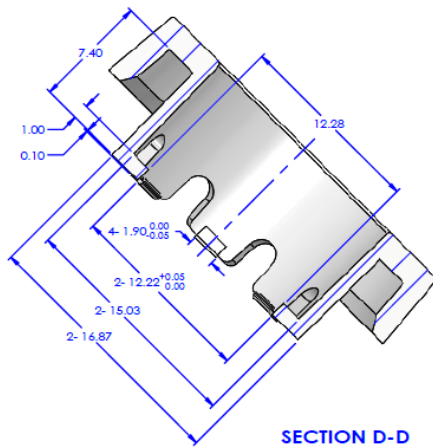
Series 292 Optical Ring Encoder Overview

- Compact 20mm size package
- Rotational life: 3,000,000 cycles
- Wide operating temperature range: -10°C to +85°C
- Resolution: 24 pulse-per-revolution
- 24 detent option
- 5.0 VDC and 3.3 VDC power options
- Integrated Schmitt trigger and pull-up resistor



Series 292 Optical Ring Encoder Reference Knob Design

UNLESS OTHERWISE SPECIFIED
GEN. TOL. ± 0.05 mm





Series 292 Key Features/Benefits & Custom Capabilities



Features

Optical technology

Rotational life: 3M cycles

Wide operating temperature range

5.0 VDC and 3.3 VDC power options

Benefits

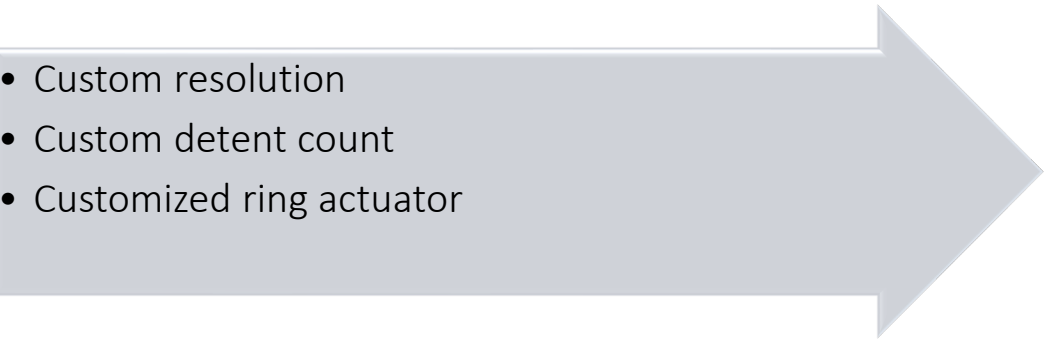
Non-contacting long life

Extended field deployment

Suitable for use in cold or hot environments

For standard and energy efficient apps

Custom and Value-Added Capabilities

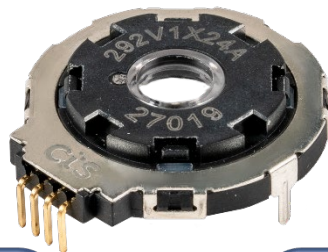
- Custom resolution
 - Custom detent count
 - Customized ring actuator
- 

Series 292 Encoder Target Market Segments/Applications



Medical

- Ultrasound scanners
- CT scanners
- MRI control panels
- X-ray control panels



Professional Audio

- Audio mixing desks
- Broadcast mixers
- DJ equipment
- Light mixing desks
- Mixing desk remote controls

Transportation

- Navigation controls
- HVAC controls
- Infotainment controls



Series 292 Optical Ring Encoder Collateral



Updated website landing page with collateral links

https://www.ctscorp.com/sense_product_line/encoders/

Product Brochure

https://www.ctscorp.com/wp-content/uploads/Controls_Brochure.pdf

Series 292 Ring Optical Encoder Availability

e-Catalog Distributors



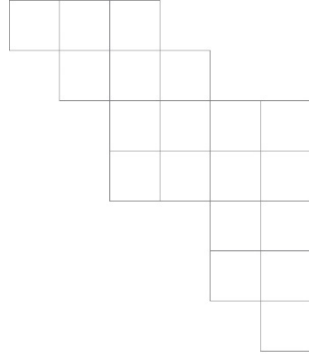
Global Distributors



Regional Distributors



- Inventory is readily available at e-Catalog distributors worldwide
- A comprehensive network of established global supply chain distributors are ready to assist
- World-class local language customer support is available to help with designs and production



Thank you

