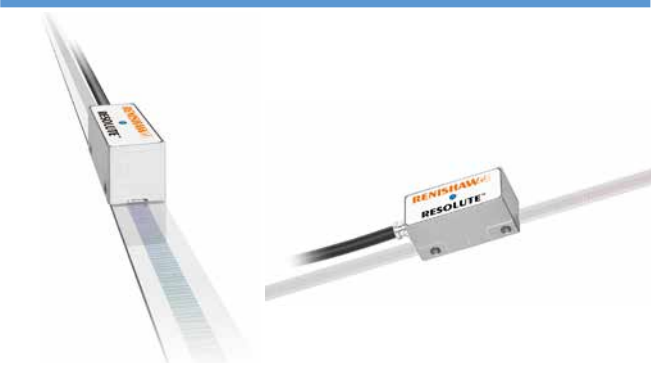


Optical linear scale

RESOLUTE™ series, EVOLUTE™ series, FORTiS series

Optical open absolute linear scale

RESOLUTE™ series



RESOLUTE™
RELA, RSLA

RESOLUTE™
RTLA30-S

Optical open ring scale

RESOLUTE™ series



Vacuum compatible lead head and
RESA ring



RESOLUTE™
FASTRACK/ RTLA30

RESOLUTE™
RKLA30-S



Atmospheric lead head and
REXA ring

Features

- The industry's first unique signal-track scale
- Determines absolute position upon power-up
- Range of scales for a variety of applications
- Low SDE for smooth velocity control
- Worldwide subsidiary support network

Features

- Large-diameter hollow ring scale allows angle measurement even in systems that require cable wiring, etc.
- High-precision type RESA ring scale and ultra-high-precision * type REXA ring scale are available. * When using 2 heads
- The RESA ring scale can be easily and accurately mounted by fixing the patented taper.
- The REXA ring scale achieves ultra-high accuracy by suppressing deformation of the ring with a ring that is difficult to deform and suppressing eccentricity with two lead heads.
- Supports ultra-high vacuum applications by using a vacuum-compatible lead head

Optical open absolute linear scale

EVOLUTE™ series



EVOLUTE™ FASTRACK/RTLA50
EVOLUTE™ RTLA50-S

Features

- Based on RESOLUTE™ technology, which has already been proven in many industries
- Mounting height tolerance is 500 µm, which is 2.5 times that of general optical encoders.
- Wide tolerance allows for short installation time and improved resistance to dirt.
- RTLA50 scale with two fixing methods (gluing / track) can be used

Sales area

- Japan
- United Kingdom
- Worldwide response

For more information

URL : <http://www.renishaw.jp/> (Japanese)

<http://www.renishaw.com/> (English)

Optical closed linear scale

FORTiS series



Features

- FORTiS is made for use in harsh environments such as machine tools, and two scales with different shapes are available.
- No need to change the design to replace from the most used competing manufacturer in machine tools
- Excellent sealing performance can significantly reduce the flow rate of blow air, making it possible to build a high-performance sustainable system.
- Since the inside of the main body is a non-contact structure, it is possible to acquire accurate position information, and since there are no mechanical parts inside, easy installation is realized.
- Has class-leading 30 G vibration resistance and can be incorporated into applications such as heavy cutting.
- Improved reliability by adopting the same optical system as RESOLUTE and EVOLUTE, which have high resistance to grain stains and grease stains.

Language



● Contact: Renishaw plc

New Mills Wotton-under-Edge Gloucestershire GL12 8JR, United Kingdom

TEL : +44-1453-524524