

MAIN EXPORT COUNTRIES:



The company under the name **JSC "Precizika Metrology"** began work after the change of name of the Lithuanian - American Joint Venture "Brown & Sharpe - Precizika". The company has a proud history of old traditions in the leadership of design and production of metrological equipment. Its workforce has been involved for over fifty years in the supply of measuring technology and systems to automate factories as well as in the development of optical scale manufacturing technology.

In 2000, the production process was certified to fully meeting the requirements of EN ISO 9002:1994, in 2003 – EN ISO 9001:2000.

The company's goal is to consistently supply high quality products and services to meet customer demands on a timely basis. The company's main products are linear and angular glass scale gratings, and the linear and rotary displacement measuring systems.

JSC "Precizika Metrology" represents worldwide known companies and suppliers of measuring equipment, CNC centers, executes installation and services of them, trains the users, and executes upgrading of used CMM and manual cutting machine-tools.

L35T

PHOTOELECTRIC LINEAR ENCODER



The precision sealed linear encoder L35T is used to convert linear displacements of key machine components into electrical signals containing information about the value and direction of the displacements. The encoder consists of a glass scale installed into a rigid hollow housing and a ball-bearing-guided reading head. To be able to work in harsh environments (cooling liquid, lubricants and chips), the encoder has two rows of sealing lips. Filtered compressed air can be supplied into the housing of encoder for extra protection from dust. Characteristic feature of encoder is a rigid housing that provides better resistance to vibration and higher protection grade due two pairs of sealing lips. Mounting of encoder on the object is made through two end housings with built-in devices to enhance the thermal stability. Reference marks can be selected by magnet, which moves in horizontal groove on the front side of encoder (optional). Three versions of output signals are available:

- L35T-A - sinusoidal signals, with amplitude approx. 11 μ App.
- L35T-AV - sinusoidal signals, with amplitude approx. 1 Vpp.
- L35T-F - square-wave signals, type TTL or HTL (standard RS422) with integrated subdividing electronics for interpolation x1, x2, x5, x10, x25, x50.



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