

MAIN EXPORT COUNTRIES:



The company under the name "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.

L18

PHOTOELECTRIC LINEAR ENCODER



The sealed linear encoder L18 is used to convert linear displacements of key machine components into electrical signals containing information about the value and direction of the displacement. 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 (lubricants and chips), the encoder has sealing lips. Filtered air can be supplied into the housing of the encoder for extra protection. The photoelectric unit of the reading head generates sinusoidal micro-current or TTL square-wave (standard RS422) output signals. Three versions of output signals are available:

- L18-A - Sinusoidal signals, with amplitude approx. 11 μ App, require external subdividing electronics.
- L18-AV - Sinusoidal signals, with amplitude approx. 1 Vpp, require external subdividing electronics.
- L18-F - Square-wave, with integrated subdividing electronics for interpolation x1, x2, x5, x10, x 25, x50.



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