Non-contact magnetic linear encoder MT has measuring length up to 50 m. The encoder is used to convert linear displacements of any machine components into electrical signals containing information about the value and direction of the displacement. Encoder comprises metal based magnetic band, reading head and protective steel cover CV. The length of magnetic band could be up to 50 m. Encoder could be supplied with external zero signal actuator (magnet), which allows usage one of many reference marks made on magnetic band. Zero signal actuator is not necessary in the case when the magnetic band with reference marks made according customer requirements (MP200Z) is used. Encoder also could be supplied with protective aluminium support SP (instead protective CV), which is mounted on machine for magnetic band protection. The encoder has two versions of output signals:

- MT-F - Square-wave signals, with integrated subdividing electronics for interpolation.
- MT-AV - Sinusoidal signals, with amplitude approx. 1 Vpp, which require external subdividing electronics.

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 great history of old traditions in the field of design and production of metrological equipment, its existence has been tested for over fifty years in the supply of measuring technology and systems to leading factories as well as in the development of enterprises 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 is proud to be a continuously supply high quality products and service to near customer demands in a steepless way. 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,执行 installation and services of them, trains the users, and executes upgrading of used CMM and manual cutting machine-tools.

**CONTACT:**

Žirmūnų str. 139, LT-09120 Vilnius, Lithuania
Tel.: +370 (5) 236 3683
Fax.: 370 (5) 236 3609
sales@precizika.lt

**MAIN EXPORT COUNTRIES:**