

The invention relates to the field of optoelectronics and it is meant for regulation of the force level in the adjustment and measurement of parameters of different optic devices and systems for information transmission by optical fibres.

The reconstructurable optic attenuator consists of a dielectric body and two segments of optical fibres. Into the backlash, formed between the frontal sides of the optical fibres is contained a rheologic magnetic liquid of iron powder and polyethyl siloxane oil, and in the backlash region there are installed a cylindrical electromagnet along the axis of the fibres and two permanent magnets perpendicular to the axis of optical fibres.

Claims: 1

Fig.: 1