

Scale element for an optical measuring device

Abstract

The invention refers to a scale element for an optical measuring device comprising an incremental encoder and an interferometric sensor system, the scale element having a reflection layer on one of the surfaces of the scale element, which reflection layer is provided to cooperate with the interferometric sensor system, and the scale element further having a material measure, which is arranged in a direction pointing away from and spaced apart from the reflection layer and is provided to cooperate with the incremental sensor system, the reflection layer being designed in such a way that the reflection layer is transmissive for light of certain wavelengths and reflective for other wavelengths.

Figure 1