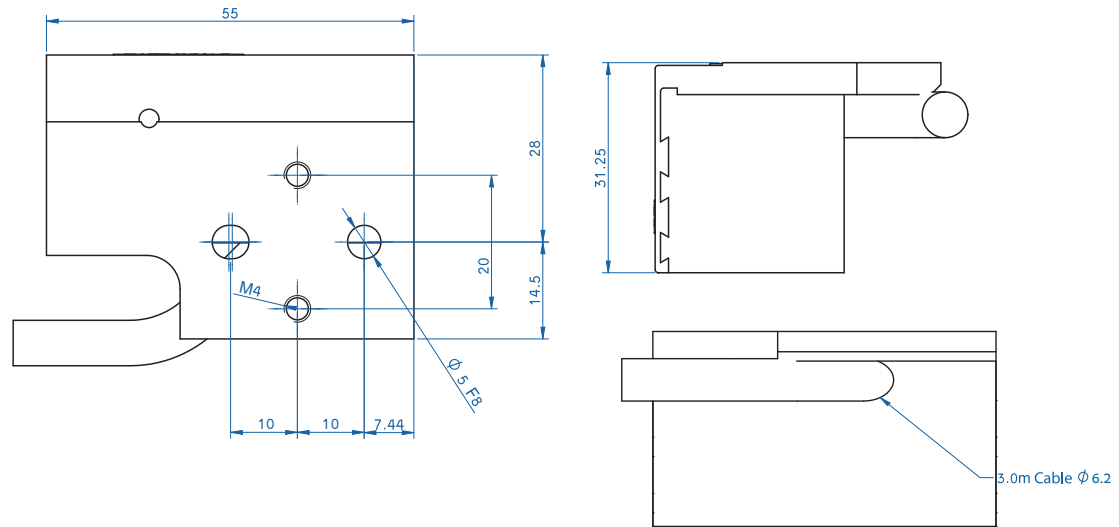
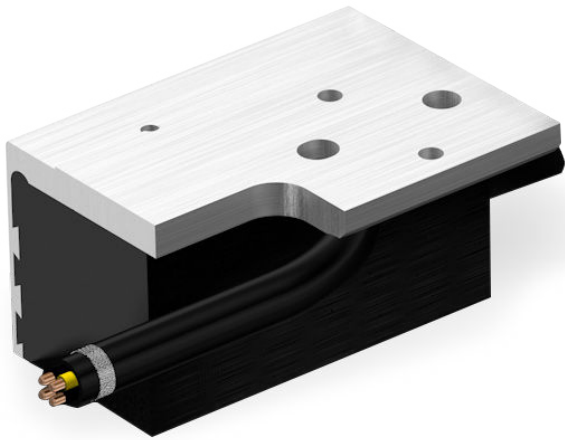


Analog Hall module



Cost efficient positioning

Linear motors can be positioned extremely accurately by using optical encoders and rulers. If extreme accuracy is not required, the optical encoders can be replaced by an analog Hall module. This module uses the magnet track, as opposed to the ruler, as the linear scale.

The analog Hall module can be easily mounted on our iron core motors and communicates with practically all standard servo controllers. The analog Hall module requires a standard 5V_{dc} power supply.

Absolute accuracy	± 100 µm
Repeatable accuracy	± 30 µm
Resolution	± 10 µm
Signal	1 Vpp SinCos
Signal period	24 mm

