

CUSTOM SOLUTIONS FOR LINEAR MOTOR SYSTEMS AND PRECISION STAGES

MAGNETIC LINEAR ENCODER **MT**

up to 50.000 mm measuring length
up to 25 μm accuracy

ABSOLUTE EXPOSED LINEAR ENCODER **LEER**

up to 0.025 μm (25 nm) measuring step
up to 50 m/s traversing speeds

ALUMINUM GUIDEWAY WITH A MAGNETIC SCALE

up to 50.000 mm length
up to $\pm 15 \mu\text{m}/\text{m}$ accuracy
1+1 mm; 2+2 mm; 5+5 mm pole pitch

OPTICAL GLASS SCALE

up to 3400 mm scale length
 ± 1 ; ± 2 ; $\pm 5 \mu\text{m}/\text{m}$ accuracy (depends
on length)
soda lime, black glass, Robax and
other substrate material on request
from 8 μm pitch

STEEL TAPE

up to 10.000 mm length
up to $\pm 5 \mu\text{m}/\text{m}$ accuracy
0.2; 0.5 stainless steel tape thickness
from 20 μm pitch

