



The Torque-Block[®] driven positioning table enables precision movement in one axis.

The adjusting range is 500 μm . An inductive position measuring system is integrated in the table.

Electrical control is provided by the Torque-Block[®] unit *ase/pcs/twa/a*.

A linear, feedback controlled and hysteresis-free movement of 400 μm is thus ensured.

Displacement	400 μm feedback controlled, (500 μm controlled)
Direction of movement	voltage pin 9 0 V, -x voltage pin 9 400 V, +x
Positioning time at full stroke	10 ms with feedback control
Non-linearity	$\pm 2\%$
Resolution	0,2 μm
Resonance frequency of the unloaded system	550 Hz
Stiffness	0,4 N/ μm
Maximum permitted load	200 N
Max. load with feedback control dep. on position	20 ... 200 N
Operating voltage	400 V
Connection	10 pole connector with cap nut 5A/490VDC, manufacturer: HRS
Dimensions (L x B x H)	(107 x 40 x 25,1) mm
Weight	0.6 kg
Attachment of table	fastening screw thread M4 (3x) pin drill hole $\varnothing 3\text{F8}$ (2x)
Attachment of object	fastening screw thread M3 (2x) pin drill hole $\varnothing 2\text{F8}$ (4x)

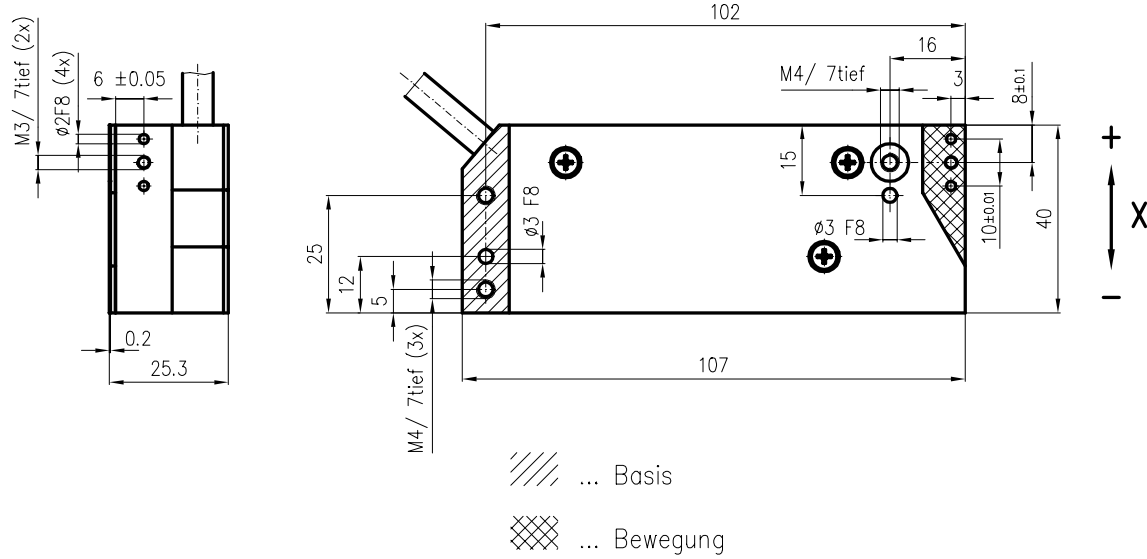
The technical data were determined in conjunction with the control electronic unit *ase/pcs/twa/a*.

Connection Assignment:

Contact	Signal
1	enable input
2	signal ground
3	drive ground
4	position monitor output
5	free
6	operating voltage measuring system
7	enable output
8	protection earth
9	drive voltage
10	operating voltage Torque-Block [®]

We are happy to develop solution-specific variations for our customers.

Attachment of drive unit



Order Number	Release	Description
asy/tx500/b	1.0	Antriebseinheit
ase/pcs/twa/a	1.0	Torque-Block®-Ansteuerung