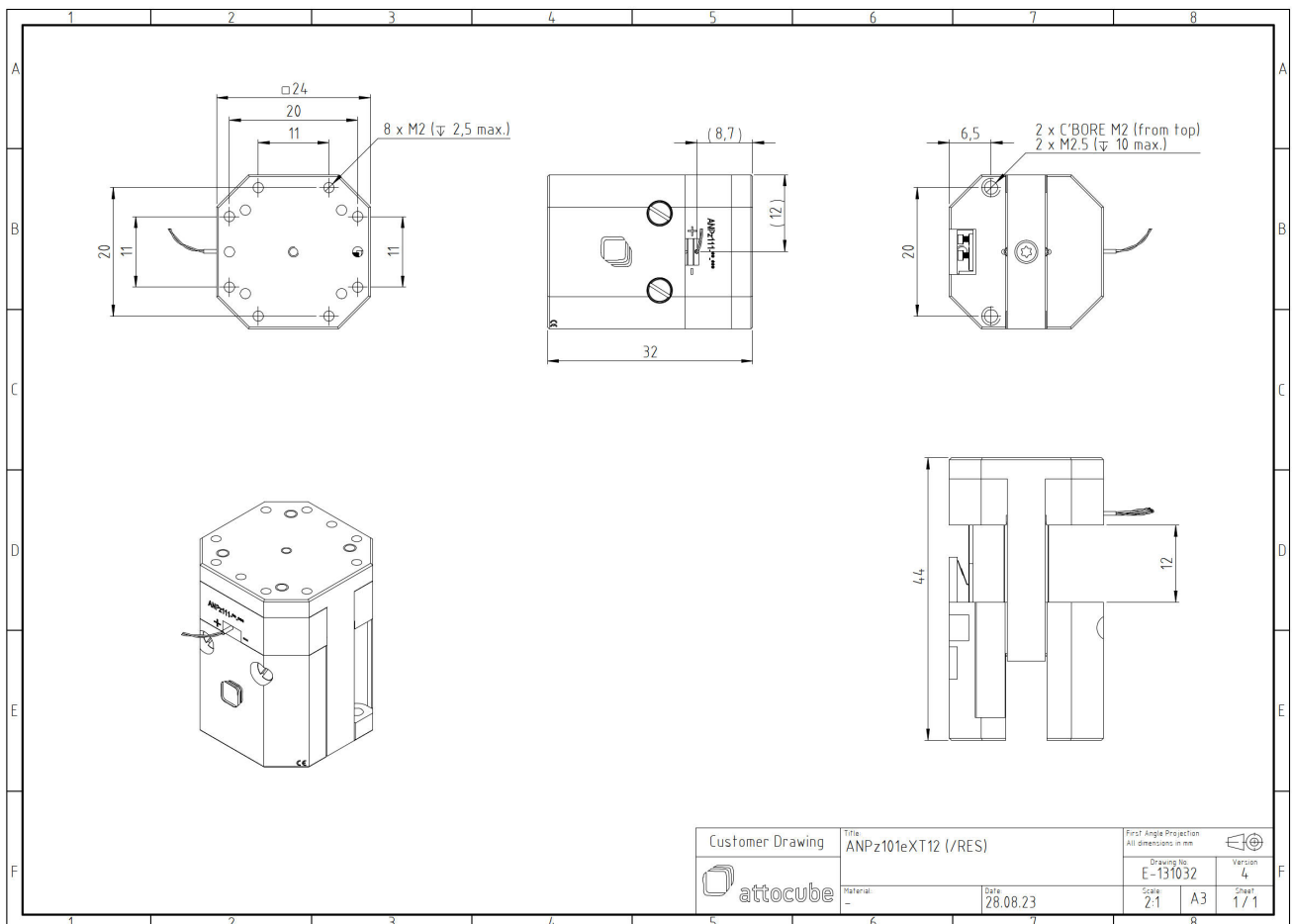


ANPz101eXT12/RT - linear z-nanopositioner

1005140

Technical Specifications

Size and Dimensions	
footprint; height	24 mm x 24 mm; 32 mm
maximum installation space	24 mm x 24 mm; 44 mm
weight	62 g
height	32 mm
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
travel range (step mode)	12 mm
maximum drive velocity @ 300 K	~ 3 mm/s
input voltage range	0 - 60 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	5 µm
fine positioning resolution	sub-nm
input DC voltage range @ 300 K	0 - 100 V
Load (@ ambient conditions)	
maximum load	200 g
maximum dynamic force along the axis	5 N
General Specifications	
environment	/RT



Customer Drawing 	Title ANPz101eXT12 (/RES)	First Angle Projection All dimensions in mm	
	Material -	Date 28.08.23	Scale 2:1
		Drawing No. E-131032	Version 4
		Sheet 1 / 1	A3