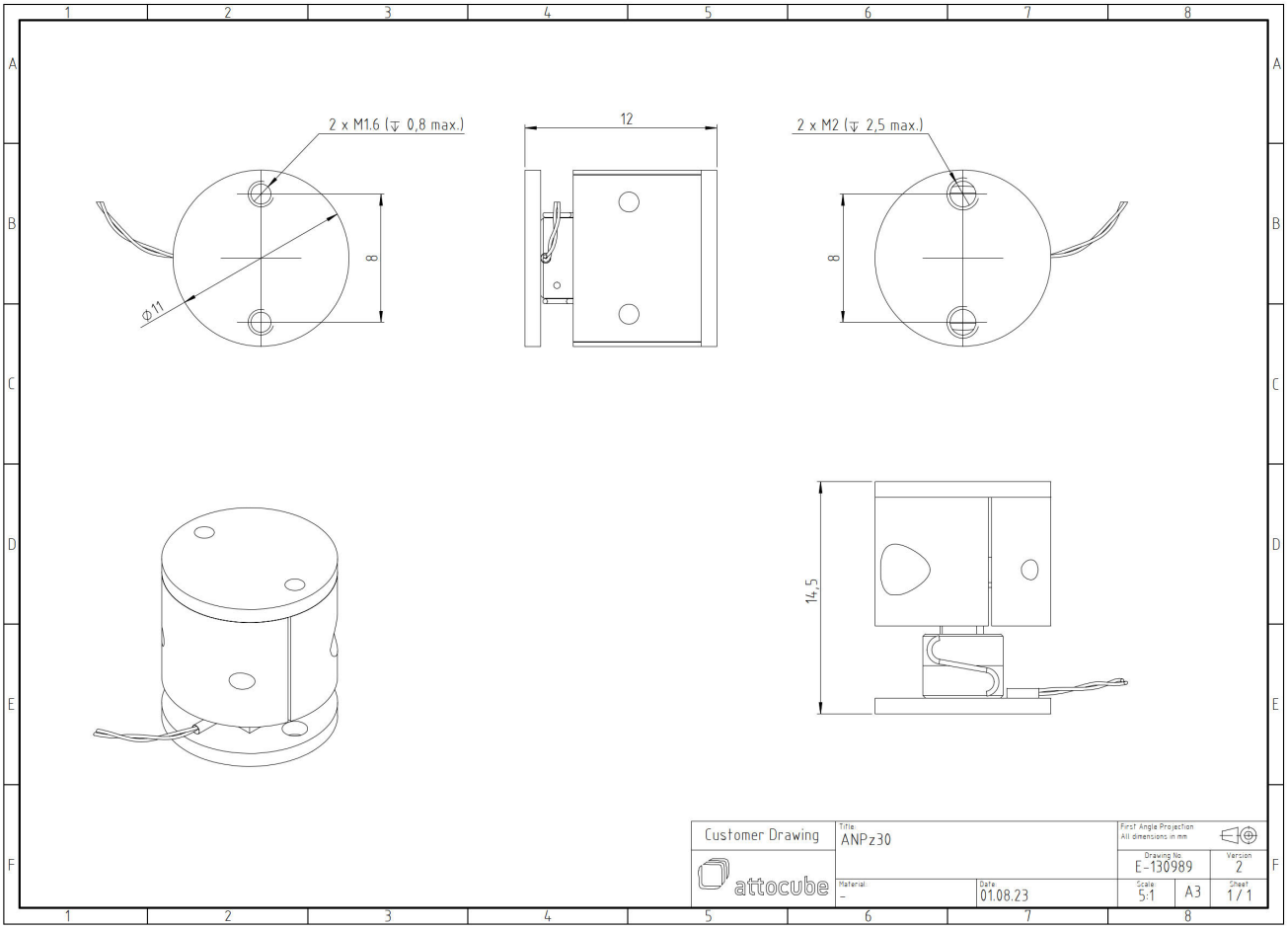
ANPz30/UHV z-positioner made from Titanium

1000013

Technical Specifications

Size and Dimensions	
footprint; height	11 mm diameter; 12 mm
maximum installation space	11 mm diameter; 14.5 mm
weight	3.8 g
height	12 mm
cable	30 cm cable with connector
Materials	
positioner body	beryllium copper & titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
travel range (step mode)	2.5 mm
maximum drive velocity @ 300 K	~ 1 mm/s
input voltage range	0 - 60 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	3.5 µm
fine positioning resolution	sub-nm
input DC voltage range @ 300 K	0 - 100 V
Load (@ ambient conditions)	
maximum load	10 g
maximum dynamic force along the axis	0.2 N
General Specifications	
environment	/UHV



All rights, including rights created by patent grant or registration of a utility model or design as well as rights of technical modifications are reserved. Delivery subject to availability. Designations may be trademarks, the use of which by third parties for their own purposes may violate the rights of the trademark owners. © attocube systems GmbH