

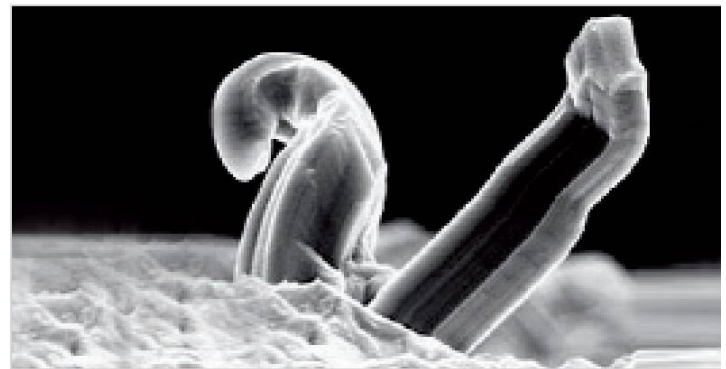
Now also available as whisker-free versions

## Rotary Switch Type 528 and 529

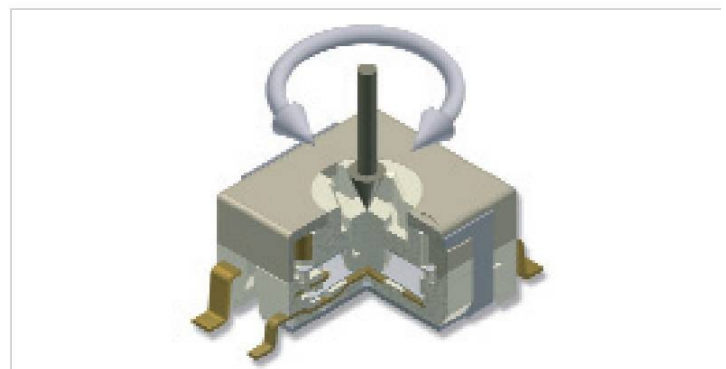
(Whisker-free version)

Since lead-free processing of components in industry has become prescribed by law (RoHS standard), new problems have arisen alongside the more complicated processing of the lead-free solders. Lead-free processing, particularly in the case of pure tin compounds, can lead to whisker growth. During later application in complex circuit boards, serious faults or even short circuits and total device failure can then result.

The revised variants of our Series 528 and 529 rotary switches are now also available as whisker-free versions. The electroplating treatment of the terminal pins in these variants has been optimised in such a way that whisker growth is not possible. This is achieved through special gold plating of the soldering terminals, which prevents whisker growth even at increased temperatures and current flow. Therefore, from the outset, this solution prevents the micro-fine growth of the electrically conductive monocry-stals and thus rules out the possibility of unintentional short circuiting.



Whisker growth – electrically conductive monocry-stals



All terminal pins are whisker-free thanks to special gold plating