

Product Info

Industrial Automation
 Pressure and Temperature Sensors

Change of material and welding process on AKS 21W sensors pocket

Background Experiences have shown instability of the joining process between bushing (free cut steel) and sensor tube (stainless steel). Further, occasionally corrosion has been detected on the AKS 21W sensor pockets being on stock for a while.

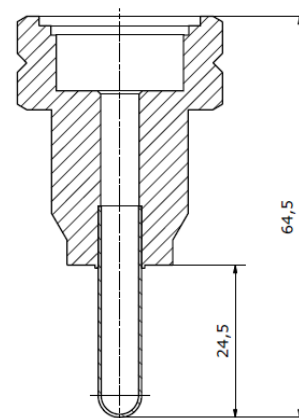
Changes By changing the bushing to stainless steel and introducing laser welding instead of press welding between bushing and sensor tube we achieve a stable process and ensure corrosion free sensor pockets.



Present AKS 21W with Free cut steel bushing and press welding



New AKS 21W with AISI 304L stainless steel and laser welding. A groove in the hexagon identifies the new version.



Affected products
 084N2040 AKS 120 sensor pocket
 084N2016 AKS 21W temperature sensor
 084N2017 AKS 21W temperature sensor

Timing The changes are expected to be implemented in the production during December 2013. Delivery to customers is expected to take place from January 2014.

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