

New Feature Announcement

SENSOR MATERIAL COATING

Limited availability

Kurz sensors are already immune to most harsh and dirty environments. In rare cases, sufficient erosive particles are entrained in the flow stream, particularly in older cement and coal facilities, that over time can erode the sheath material on the C-276 sensor.



To augment the protection of the standard C-276 sensor sheath, Kurz has historically offered a chromium nitride (CrN) layer with an 18 nano-hardness rating. Kurz is replacing the CrN sensor material coating with titanium aluminum nitride (TiAlN), which is a superior material with a 28 nano-hardness rating, and it provides a wider temperature-stability range.

Ordering the Sensor Coating Feature

To order the Sensor Coating feature:

454FTB	Feature 2, Option 7 for the sensor material
K-BAR 2000B	Feature 8, Option 7 for the sensor material
2440	Feature 1, Model 2444 Option17, Model 2445 Option 17

To access the Sensor Coating feature using the Product Configurator in the Kurz online Pricing Program, choose Aluminum Titanium Coated Sensor for the Sensor Material:

Sensor Material/Sensor Support and Flange Material (F2)

- Select Sensor Material/Sensor Support and Flange Material
- (32) FD2, Alloy C-276 Sensor/316L Stainless Steel Support
- (33) FD2, Alloy C-276 Sensor/Alloy C-276 Support
- (72) FD2, Alloy C-276, Aluminum Titanium Nitride Coated Sensor/316L Stainless Steel Support
- (73) FD2, Alloy C-276, Aluminum Titanium Nitride Coated Sensor/Alloy C-276 Support