

KC/5 Rotary Consistency Transmitter

KPM Products | Process Measurements



KC/5 Rotary Consistency Transmitter is the most advanced consistency transmitter unit in the market. With its revolutionary direct-drive servo motor KC/5 is a rotary transmitter that requires no compromises. Excellent consistency measurement performance, light weight design, simple installation and dramatically reduced maintenance make KC/5 the new standard for rotary consistency transmitters.

Thanks to the transmitter's patented built-in gate valve assembly, it can be installed and removed while the process is running without having to shut down or drain the line. Through KPM's "state of the art" torque measurement technology the KC/5 provides quick and accurate consistency measurement. There are two versions of the sensitive and wide-range measurement sensor that are applicable to all consistencies between 2–16% and 1.5–5% respectively.

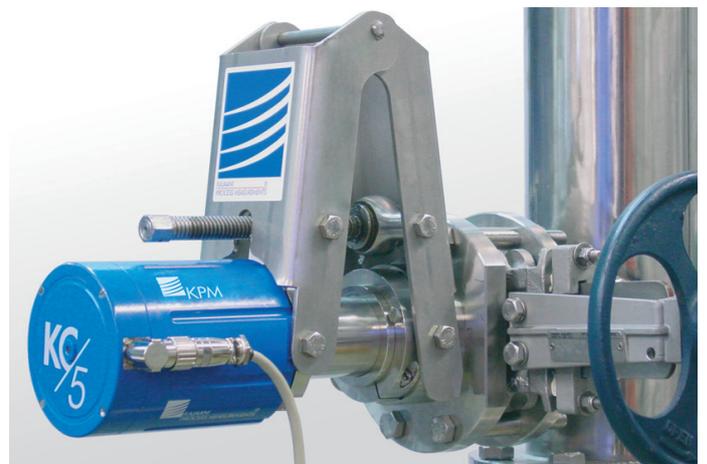
Installation cost is low, since it is easy completed compared to traditional transmitters. It does not need a 3-phase power supply neither contactor, nor motor starter in the electric

room. All required hardware is included. Only single phase standard AC power supply is needed. Automatic maintenance like powerful self diagnostics includes friction measurement, reverse direction rotation to check zero point and automatically loosen foreign objects.

KC/5 is field repairable. No special training or special tools are needed. With no drive belt to change, KPM's direct-drive servo motor is maintenance free. No regular maintenance is required due to its unique mechanical seal system. KC/5 is easy to use and operate. Start-up is very easy and can be done by mill's instrument personnel. However, start-up and service training is quoted as an option.

Benefits

- No wearable drive belt (direct-drive servo motor)
- No wearable motor parts
 - no bearings
 - no brushes
- Removable without process shutdown
 - field repairable by normal hand-tools
 - remote display included
- Wide-range measurement sensors, applicable to all consistencies between 2–16% and 1.5–5%
- Automatic maintenance
 - self diagnostics and friction measurement,
 - reverse direction rotation (check zero point)
 - automatically loosen foreign objects



KC/5 Rotary Consistency Transmitter offers maintenance free rotary performance with KPM's direct-drive servo motor. No regular maintenance is required due to its unique mechanical seal system.

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