PF-KBP SIGNAL TRANSMITTERS

Product Data Sheet

PF-KBP-21Q-3

potentiometer transmitter

FUNCTION	FAMILY	ORIGIN	WEIGHT
potentiometer transmitter	**PF-KBP signal transmitters**	**Not stated**	**Confirm with quotation**

POUNDFUL PF-KBP-21Q-3 is a potentiometer transmitter for the PF-KBP signal transmitters. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Input signal	Potentiometer position, 0 to 100%
Input resistance	Switchable 200 Ω to 50 kΩ
Excitation voltage	2.5 V DC internal
Output signal	4 to 20 mA DC
Supply voltage	24 V DC
Accuracy	0.1% full scale at 23 ±5 °C
Output ripple	Below 0.1% full scale peak-to-peak
Temperature coefficient	100 ppm/°C from 0 to 50 °C
Voltage-mode drive	10 mA maximum
Response time	250 ms maximum, 0 to 90%

02 ADDITIONAL PRODUCT DATA

Operating temperature	0 to 55 °C
Operating humidity	20 to 95% RH, non-condensing
Storage temperature	0 to 70 °C
Storage humidity	20 to 95% RH, non-condensing
Construction	Socket/plug-in with barrier terminals

03 OFFICIAL APPLICATIONS

- Position signal conversion: Valve position monitoring; actuator feedback
- Treatment process monitoring: Damper position monitoring; level mechanism feedback
- Production process monitoring: Machine position feedback; linear signal transmission

04 SYSTEM COMPATIBILITY

Match PF-KBP-21Q-3 to the installed PF-KBP signal transmitters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Exact-model technical parameter compilation

Supplier identities and web addresses excluded from the product document.

AMIKON PRODUCT SUPPORT

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