TKDA DIGITAL AUTOZERO & SPAN OPTION



Main Features

- Course Magnetic Autozero
- Fine Magnetic Autozero
- Calibration Signal 80% FS
- Magnetic Autospan
- Partial reset function
- Total reset function

Digital "Autozero & Span" option makes the pressure transmitter **TK Series** a product extremely innovative and versatile. Designed thanks to the advanced electronics used by TK, this function allows zero and span adjustment in a simple, fast and reliable way, avoiding to use analogue trimmer, potential weak point and source of possible drifts or failures. The starting is user friendly, simply touching the specific target marked on the sensor body with a pen with magnetic head (included as standard). Within few seconds the operation is concluded, without the need to dismantle or to open the instrument.

TECHNICAL DATA

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10%FS max with zero setting within the sensor accuracy class, @ °T Amb.
110 seconds
t Resolution 6 mV (voltage output); 12 μA (current output)
±100 mV (voltage output), ±0.16 mA (current output) by successive steps with
maximum setting time 5 sec. per step
Signal output generation of 80% FS @ °T Amb.
>1 sec. (by contacts closed in CAL position)
±10%FS max with span setting within the sensor accuracy class, @ °T Amb.
110 sec. (by contacts closed in CAL position)
Restore of zero factory setting
3060 sec
Restore of complete factory setting
>60 sec
By pen with magnetic head (PKIT 312)

INSTALLATION DRAWINGS



Dimensions: TKDA, due to the autozero & span board, is 5 mm (0.197 in) longer, so dimension "L" on TK data sheet becames 75 mm (2.95 in).

 CAL function pin:
 The activation of CAL function (Calibration and Autospan) is made by closing the contact between the following pin:
 - 6 pole connector version (V)
 pin E-F

 - 7 pole connector version (P)
 pin 5-6

Please refer to the standard data sheet for all the remaining mechanical and electrical specifications.

ORDERING INFORMATION



GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice



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