



### Contact type KE – electronic

- *Electronic contact system for reliable contact function for e.g. PC-system*
- *Vibration proof*
- *For dry and liquid filled instruments*
- *1 or 2 contact points*
- *Break, close or shift function*
- *Working voltage 10-30 VDC*
- *100 mA load (transistor outlet)*
- *Long durability*

### Application

Contact type KE is well-suited for all applications in processes where vibrations or transients occur as, due to the electronic tracker, these will not cause undesired contact operations. An electronic contact secures a long lifetime in places where often repeated contact operations occur.

The contact system type KE is applicable for all purposes where an electric impulse is wanted at a desired value. The impulse is applicable for alarm functions or simple actuating controls like e.g. a EDP-system, PC-control or a PLC with very low load.

With a few exceptions, TEMPRESS' pressure gauges and thermometers can be delivered with one or two built-in contacts type KE.

The contact is made with a built-in electronic tracker and electronics which secure a reliable and optimal contact function at very low loads, e.g. few mA which is normal in various actuating systems.

Contact type KE does not require an external amplifier relay.

Specifications	
Contact system	Type KE, electronic
Instrument size	DN 100 and DN 160 on request
Contact type KE	Electronic
Number	1, 2 or 3
Function	Break, close or shift
Voltage	10-30 VDC
Own consumption	≤10 mA
Outlet power	≤100 mA
Min. measuring range	Pressure gauge: 1 bar (15 psi) Thermometer: 80°C (180°F)
Working range	10-90% of Span
Min. work. range	5% of Span
Accuracy	± 2% at span ≤ 4 bar ± 1,5% at span ≥ 4 bar
Hysteresis	2-5% of span
Ambient temperature	-20+70°C
Electrical connection	Plug, ISO 4400 (DIN43650-A) 2 plugs by 2 contacts

TEMPRESS reserves the right to changes without notice

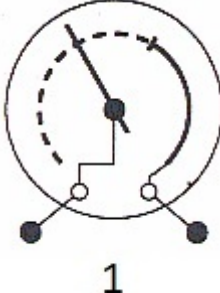
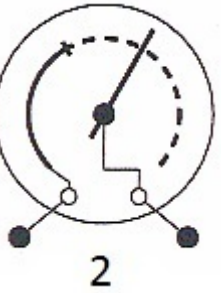


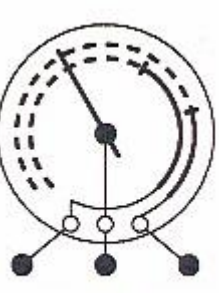
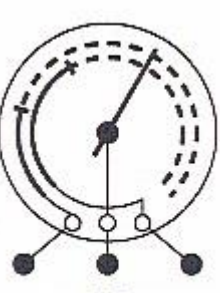
Agent/Dealer:



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**ALL THE CONTACT FUNCTIONS BELLOW ARE BASED UPON RISING PRESSURE.**

<p>Single contact (1 contact point)</p> <p>Available contact types: KN,KM,KE and KI</p>	 <p>1</p>	 <p>2</p>	<p>Contact Function : Break 1</p> <p>Contact Function : Close 2</p> <p>Contact Function : Shift 3</p> <p>Contact Function Separate Circuits : Break 4</p> <p>Contact Function Separate Circuits : Close 5</p>	
<p>Double contact (2 contact points)</p> <p>Available contact types: KN,KM,KE and KI</p>	 <p>12</p>	 <p>21</p>	 <p>11</p>	 <p>22</p>

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