

Thermomètres / Thermomètres à contact électrique / Type à contact standard / Ø 160 mm.

CARACTÉRISTIQUES DE CONSTRUCTION

	STANDARD	EN OPTION
Type de fixation	Connexion inférieure	Connexion arrière
Étendue d'échelle (T)	-30/+60°C 0/+120°C 0/+160°C 0/+300°C	0/+400°C 0/+500°C
Boîtier	Acier inoxydable AISI-304	Acier inoxydable AISI-316L
Lunette	Acier inoxydable AISI-304	Acier inoxydable AISI-316L
Vitre	Polycarbonate	-
Connexion	G 1/2" B	1/2" NPT
Cadran	Aluminium	-
Aiguille	Aluminium	Aluminium Réglable
Remplissez liquide	-	Huile de Silicium
Types de Contact	1NO 1NC 2NONO 2NONC 2NCNC 2NCNO Inductif	
Tube capillaire	Acier inoxydable AISI-316L	-
Longueur du Tube Capillaire (T)	3m 5m	-
Élément de température	Déclenché par gaz	-
Puits thermométrique	-	Acier inoxydable AISI-316
Longueur d'immersion	200mm	250mm 300mm 400mm 500mm
Bulb Ø	10mm	-

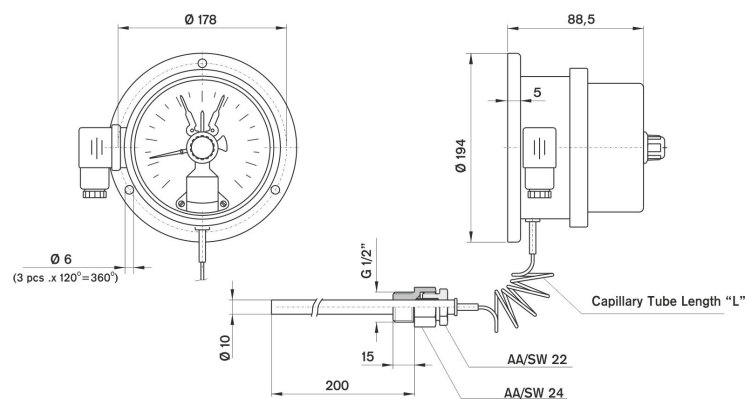
CARACTÉRISTIQUES D'UTILISATION

Température ambiante	- 40...+ 60°C	-
Classe de précision	CL 2.0	CL 1.0
Indice de protection	IP 55	IP 65
Plage de fonctionnement optimal	Entre 0,0 x PN et 1,0 x PN	
Température de stockage	-40 ... +70 °C	-
Conformité	EN 13190	ATEX 94/9/EC



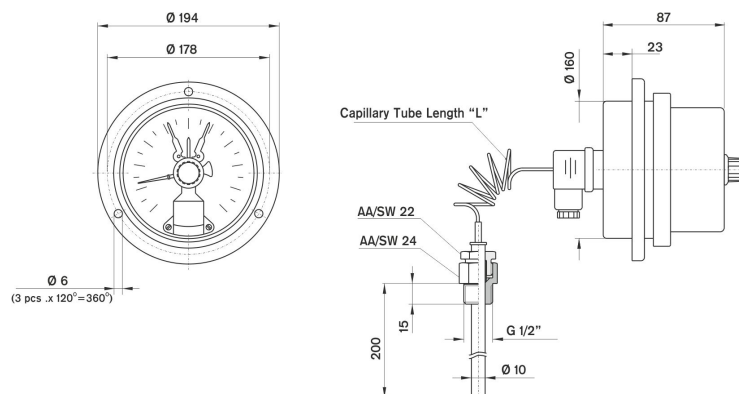
TK160DS5

Thermomètres / Thermomètres à contact électrique / Type à contact standard / Ø 160 mm.



Model No: TK160DS5

Bottom Connection with Back Flange

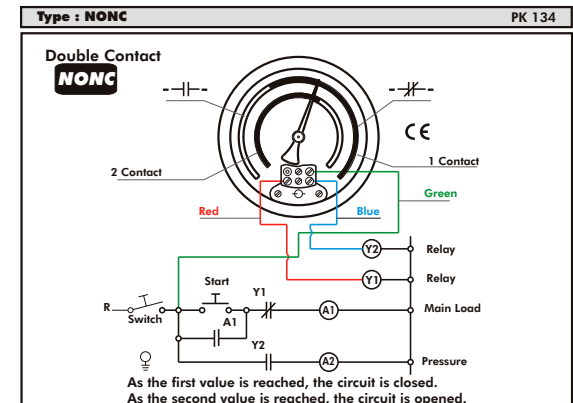
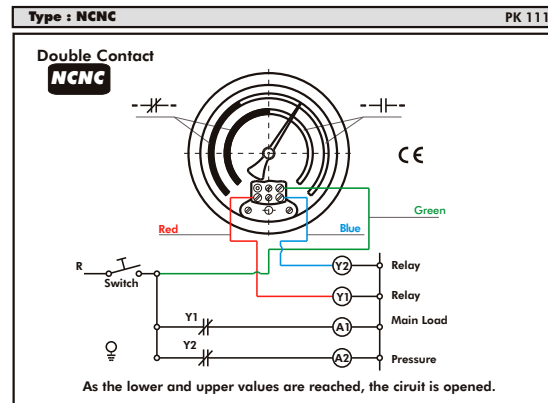
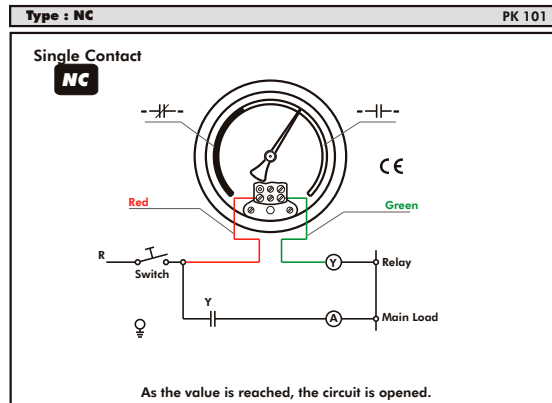
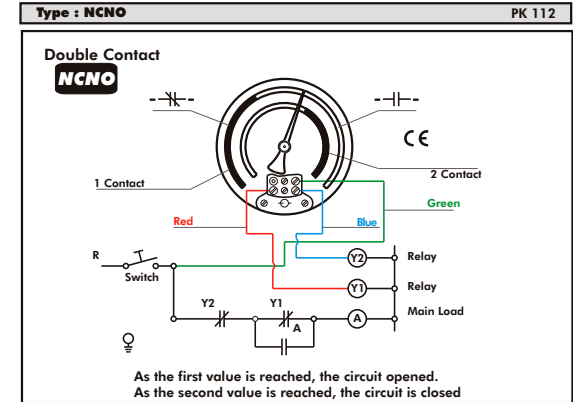
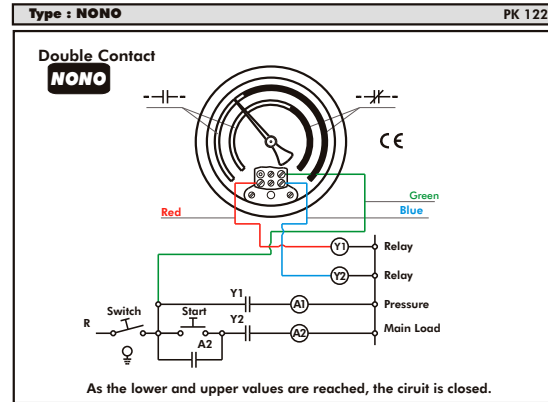
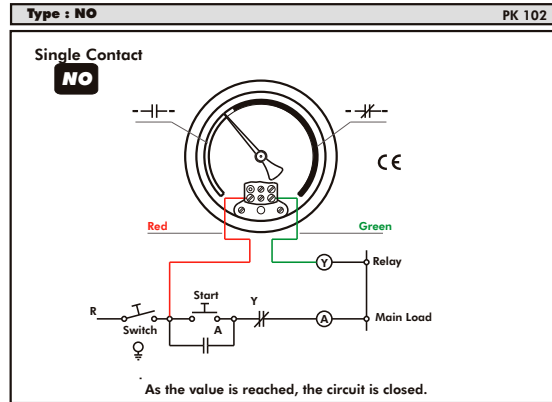


Model No: TK160DS4

Back Connection with Front Flange

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Connection Styles of Pressure & Temperatures Gauges with Contacts



The connection circuits sketched above are recommended.

Pressure and temperature gauges shall not be directly connected to the electrical circuits. Supplementary relays having a coil current of max. 400 mA must be used.

More attention must be paid not to pass over high current over the contacts.

After suitable connection of the pressure gauges to the electrical circuit has been done, still the contact snaps frequently in presence of vibration, an isolating device, such as pulsation dampner, syphone, shall be mounted between the process connection and the gauge inlet or it is advised to use the liquid filled types.

The switching delay of the contacts changes between 2 % and 4 % of the full scale value. However, it may show variations depending on the velocity of the pointer.

Electrical Parameters				
Voltage	Direct Current	Max. Inductive Load	Switching Capacity	Max. Thermal Current
230 V	100 mA	65 mA	30 W / 50 VA	0,7 A
110 V	200 mA	130 mA		
50 V	300 mA	200 mA		
24 V	400 mA	250 mA		

ELECTRICAL CONTACT CONTROL KIT

Save time and money

We do advise this product for those whom he does not want to spend time with above diagrams.

Model No : 2650 9171 00
Elec. Contact Control Kit - 10A

EXAMPLE CONNECTION CIRCUIT for PRESSURE GAUGE with "NCNO" CONTACT

The pump pressure initially rises to the upper value it stops, as the value reaches to the lower value, again starts and cycle repeats.

