

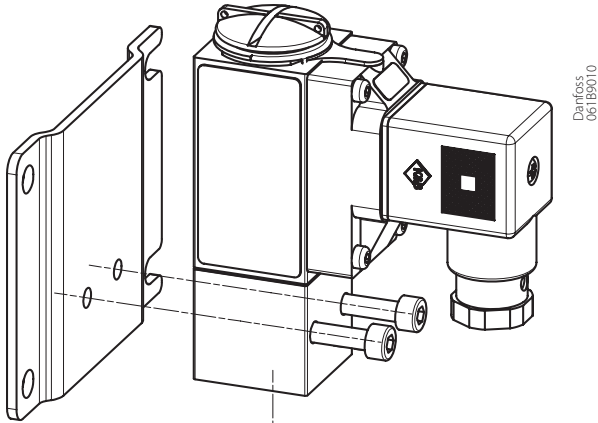
Installation guide

Pressure switch

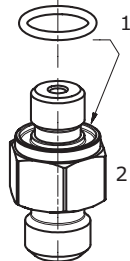
MBC 5100

061R9308

061R9308

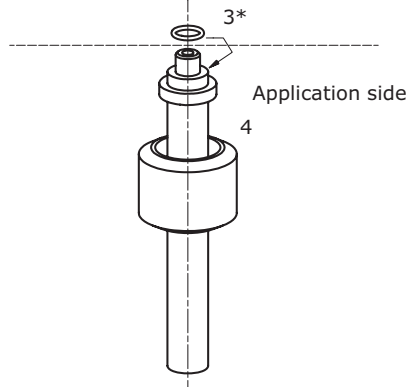


Danfoss
061R9010

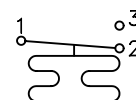


* In accessory bag there are provided 2 black o-rings (3). Only one o-ring is allowed to be used. The other is a spare part. Do not use two o-rings in one connection.

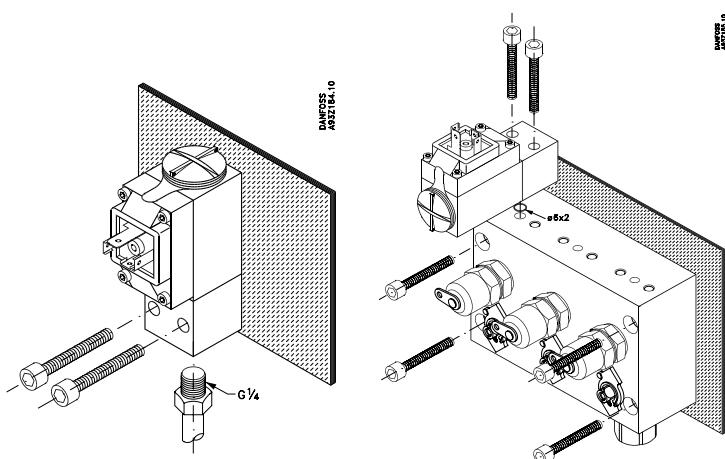
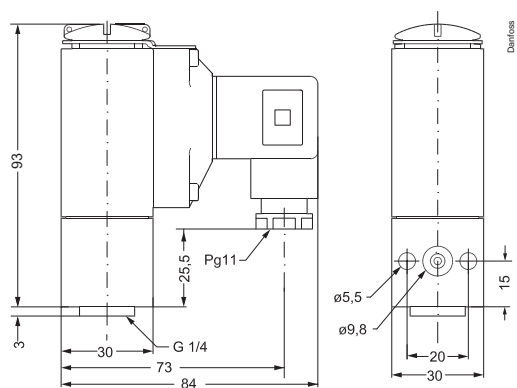
Place one black o-ring (3) on application connector (4) and screw together with adaptor (2). Do not push o-ring into adaptor.



Heavy duty pressure switch Types MBC 5000 and MBC 5100

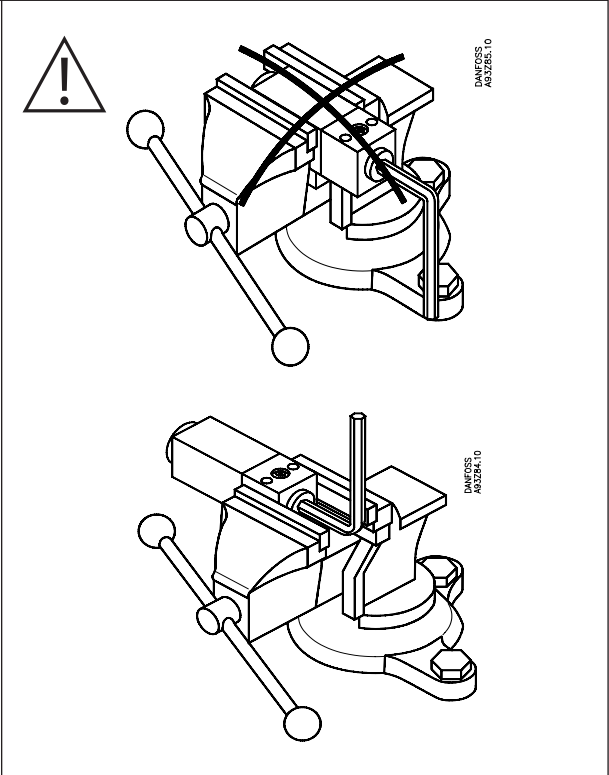
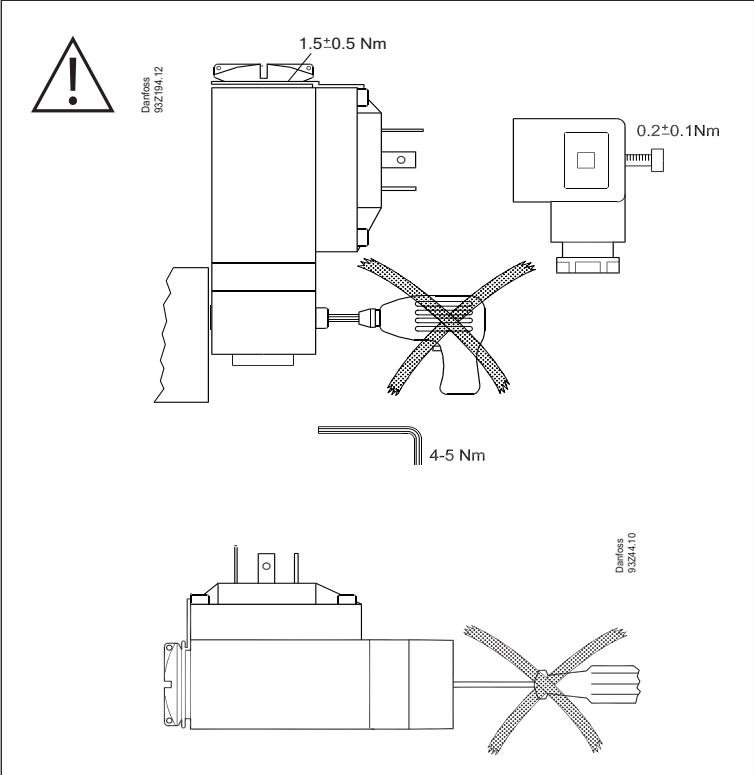


		1	2	3		
en	Electrical connection	Input	Normally closed (NC)	Normally open (NO)	Connected to enclosure of pressure switch	Attention: Use only the accompanying plug, also when replacing.
da	EL-tilslutning	Indgang	Normalt lukket (NC)	Normalt åben (NO)	Tilsluttet pressostatens kapsling	Vigtigt: Anvend kun det medleverede stik, også ved udsiftning.
de	Elektrischer Anschluss	Eingang	Öffner (Kontakt); stromlos geschlossen	Schließer (Kontakt); stromlos geöffnet	Anschluss an das Gehäuse der Druckregelung	Achtung: Nur mitgelieferten Stecker verwenden, auch im Austausch.
fr	Raccordement électrique	Entrée	Normalement fermé (NC)	Normalement ouvert (NO)	Raccordé à la protection du pressostat	Attention: Utiliser exclusivement la prise fournie, même en cas de remplacement.



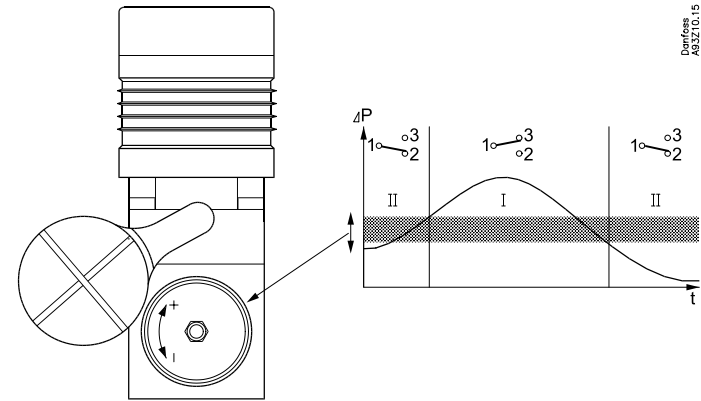
en	Thread	Flange
da	Gevind	Flange
de	Gewinde	Flansch
fr	Filetage	Bride

Installation et raccordement de pression Dans des environnements où les vibrations sont très importantes, comme sur des moteurs rapides, des transmissions ou autres, Danfoss recommande de monter les produits sur un support très robuste comme le cadre moteur. Il est aussi fermement recommandé de fixer l'alimentation en pression sur le même support solide, afin de limiter les vibrations sur cette tubulure d'entrée.



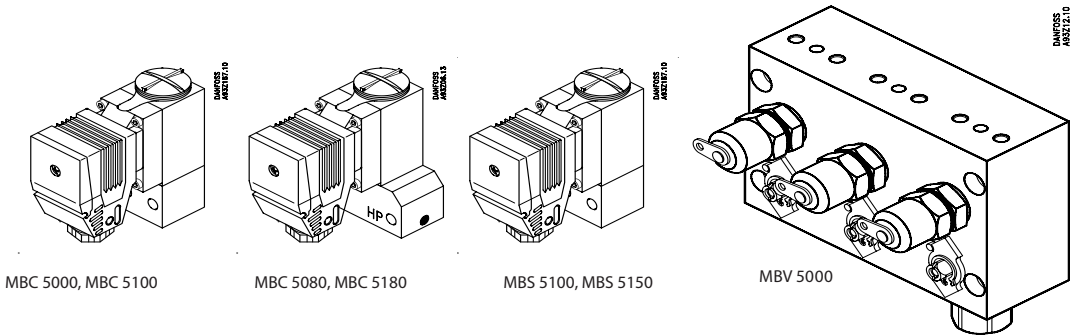
		-40 °C – 85 °C	-10 °C – 85 °C
en	Operation temperature:	Bellows and piston version	Diaphragm version
da	Driftstemperatur:	Bælg- og stempeludførelse	Membranudførelse
de	Betriebstemperatur:	Wellrohr- und Kolbenausführung	Membranen-Ausführung
fr	Température de fonction-nement:	Modèle à soufflet et piston	Modèle à membrane

One full turn (360°) of the MBC setting screw is approx. equal to 7% of the full setting range.
Fuld omdrejning (360°) af MBC indstillingsskrue er ca. 7% af fuld indstillingsområde.
Mechanische Differenz: Eine Umdrehung (360°) der Einstellschraube entspricht etwa 7% des kompletten Einstellbereiches.
Un tour complet (360°) de la vis de réglage sur le MBC équivaut à approximativement 7% de la pleine échelle de réglage.



	en	Mechanical differential
	da	Mekanisk differens
	de	Mechanische Differenz
	fr	Différentiel mécanique

en	Danfoss block components
da	Danfoss blok-komponenter
de	Danfoss Komponente
fr	Danfoss versions compactes



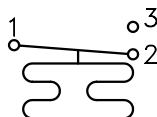
Installation guide

Heavy duty pressure switch Types MBC 5000 and MBC 5100

061R9318

Electrical connection

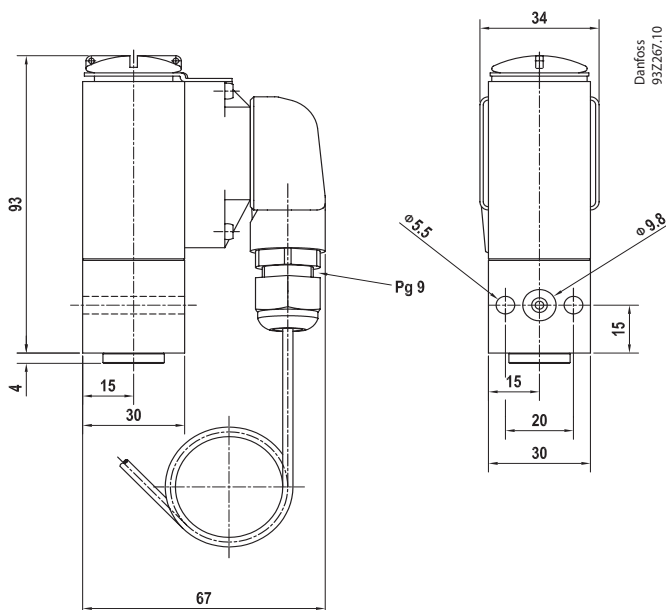
AC 15:	0.5A	250V
DC 13:	12W	125V



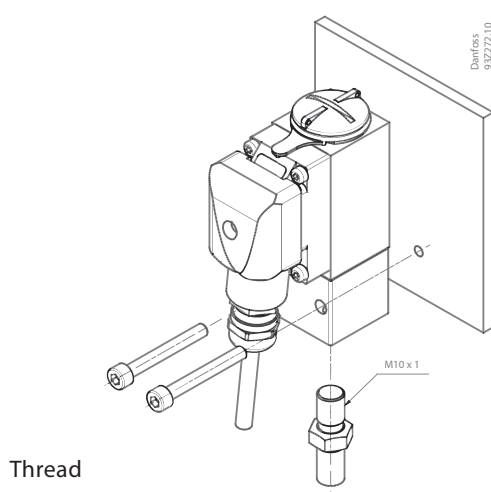
Terminal	Wire colour
1: Input	Black
2: Normally closed (NC)	Brown
3: Normally open (NO)	Blue
Ground	Shield

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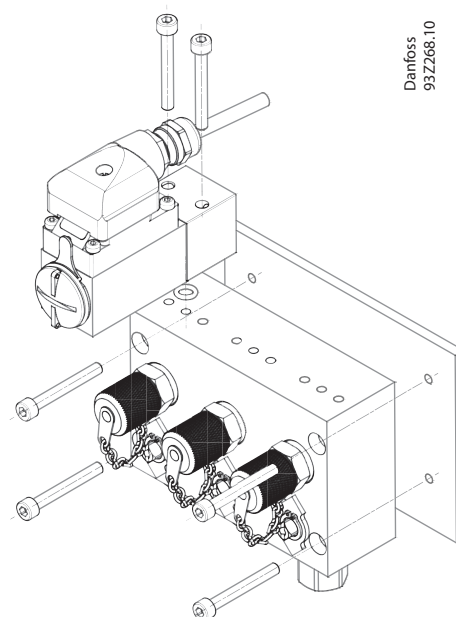
Dimensions



Mounting and pressure connection

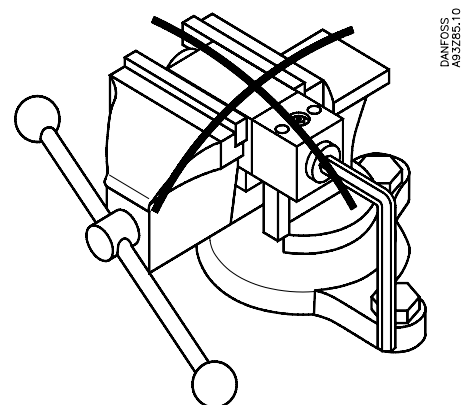
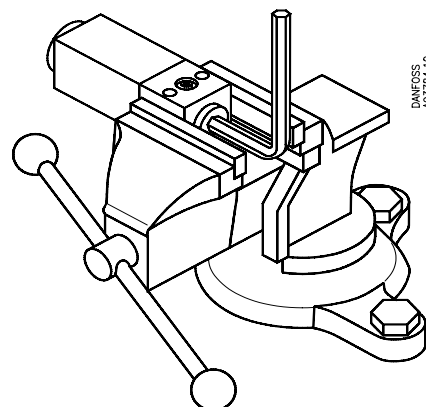
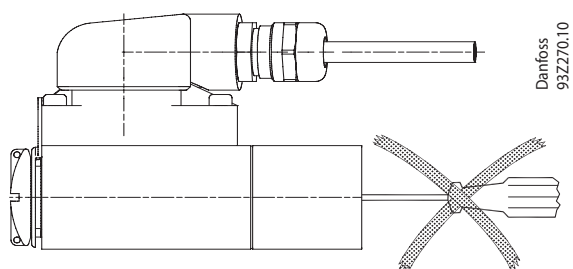
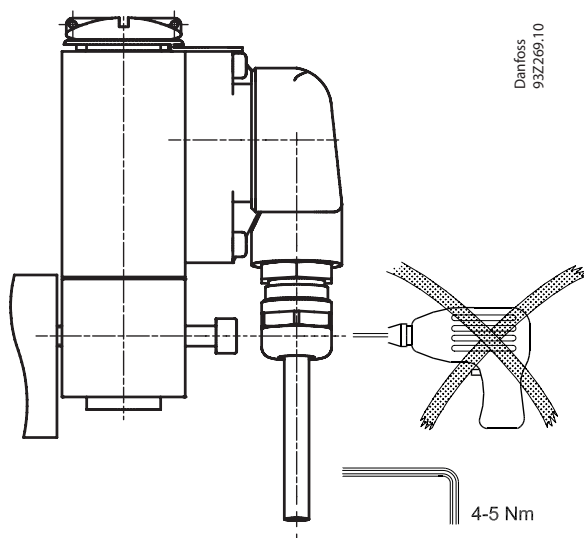


Thread



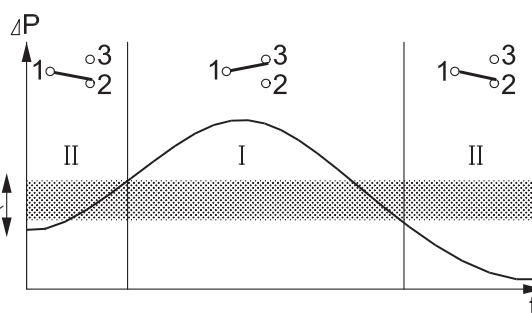
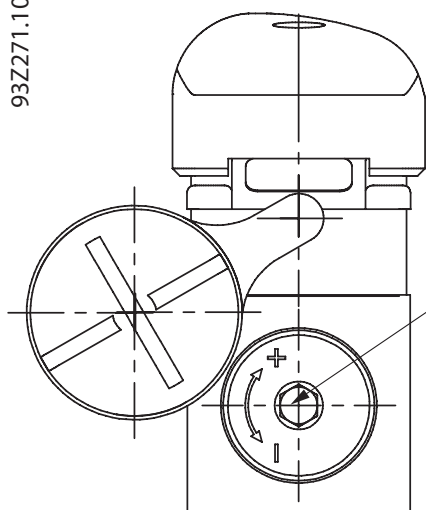
Flange

In environments that have excessive vibrations such as fast running engines, gears and similar, Danfoss recommends that the product is mounted on a heavy solid base, like the engine frame. It is also strongly recommended that the inlet pressure tube is secured to the same solid base in order to avoid inlet tube vibrations.



Operation temperature	-40 °C – 85 °C	Bellows and piston version	One full turn (360°) of the MBC setting screw is approx. equal to 7% of the full setting range.
	-10 °C – 85 °C	Diaphragm version	

Danfoss
93Z271.10



 Mechanical differential