


Danfoss

**MBC
5080,MBC
5180
Differential
Pressure
Switch**



Danfoss MBC 5080,MBC 5180 Differential Pressure Switch Installation Guide

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Danfoss MBC 5080, MBC 5180 Differential Pressure Switch



Specifications

- Model: Differential pressure switch Types MBC 5080 and MBC 5180
- AC Rating: 250V, 0.5A, 12W
- DC Rating: 125V, 0.5A, 12W

Product Information:

The Differential pressure switch Types MBC 5080 and MBC 5180 are reliable devices used for monitoring and controlling pressure in various applications. They feature normally closed (NC) and normally open (NO) input options for flexible installation.

Product Usage Instructions

Electrical Connection:

Ensure the pressure switch is properly connected to the corresponding terminals based on your application requirements. Use only the provided plug for connections.

Thread and Flange:

Refer to the provided thread and flange specifications for proper installation and connection of the pressure switch in your system.

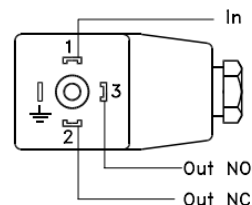
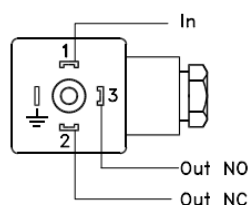
Operation Temperature and Hysteresis:



Operate the switch within the specified temperature range for optimal performance. The fixed hysteresis ensures stable switching behavior.

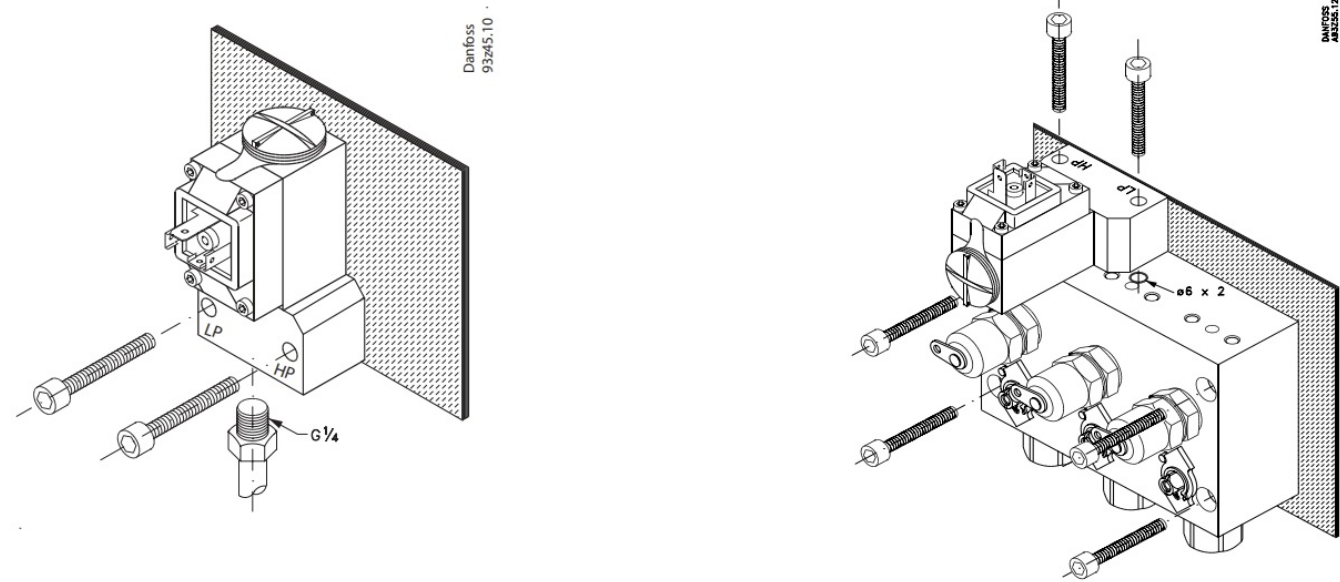
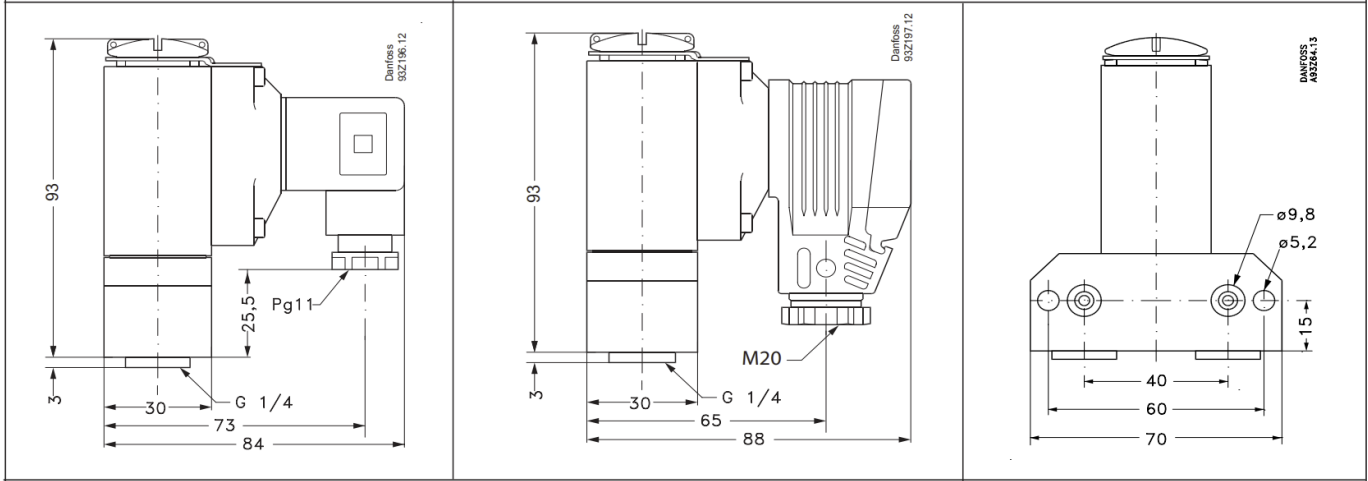
Installation guide

Differential pressure switch Types MBC 5080 and MBC 5180

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



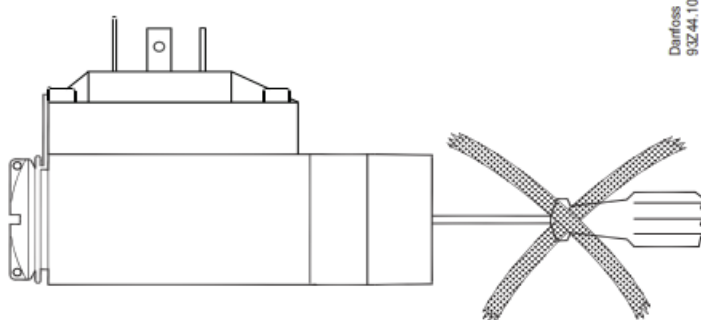
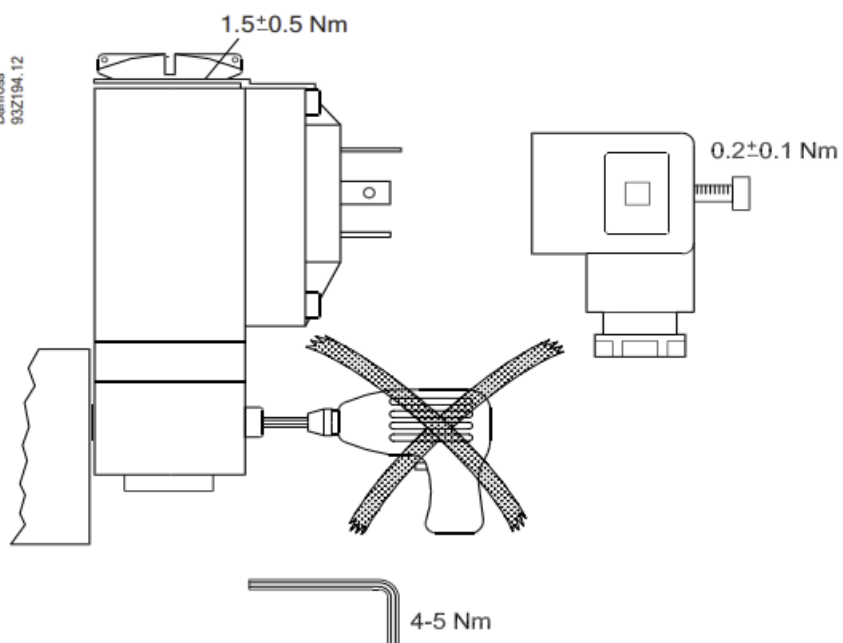
		1	2	3		
e n	Electrical connection	Input	Normally closed (NC)	Normally open (NO)	Connected to enclosure of pressure switch	Attention: Use only the accompanying plug, also when replacing.



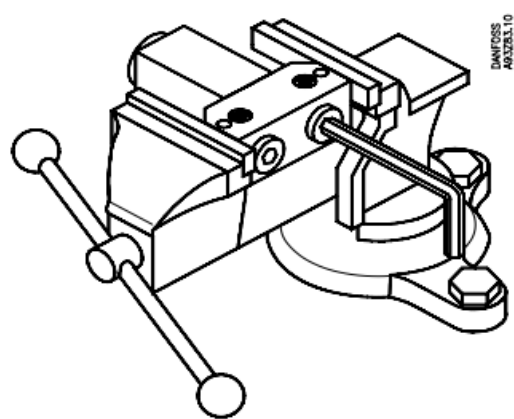
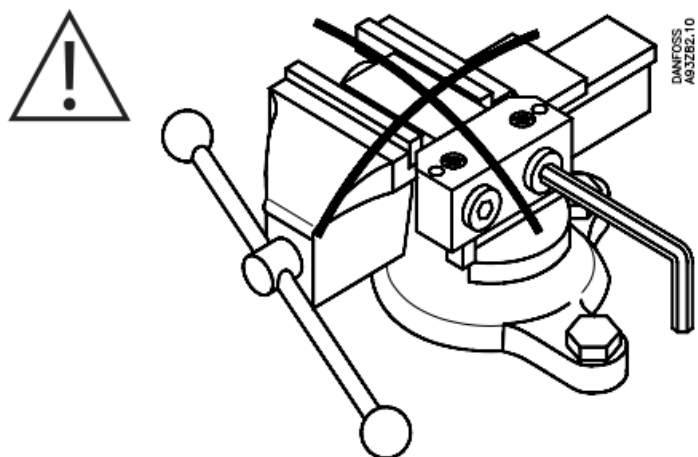
e n	Thread	Flange



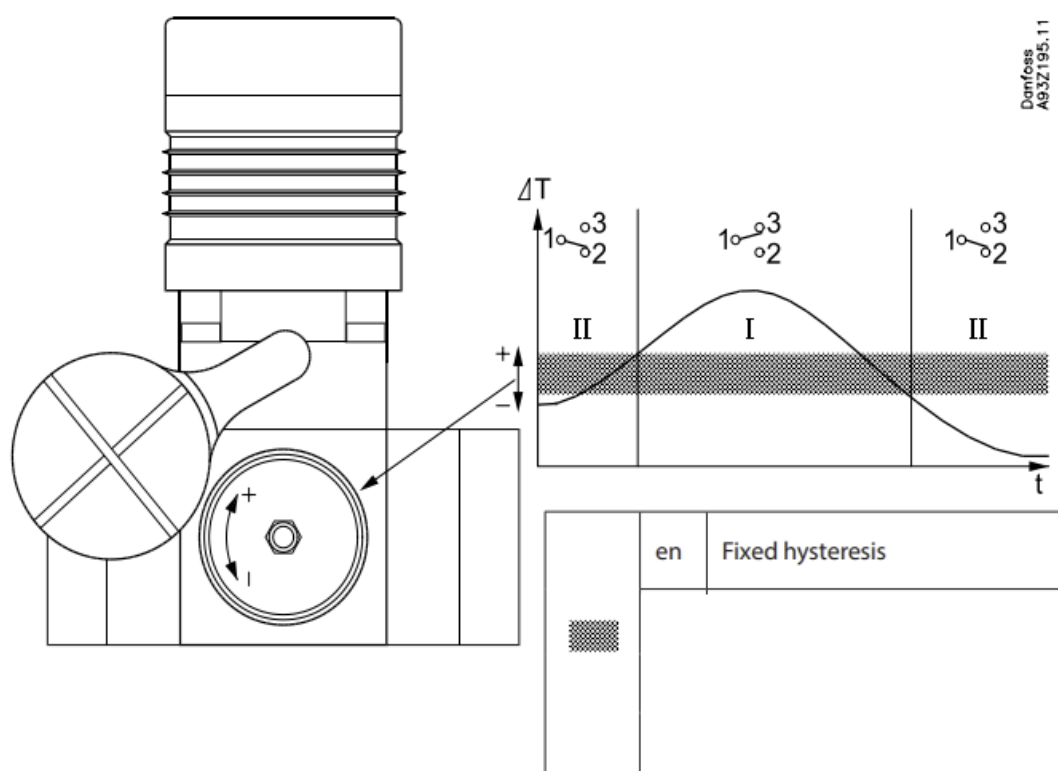
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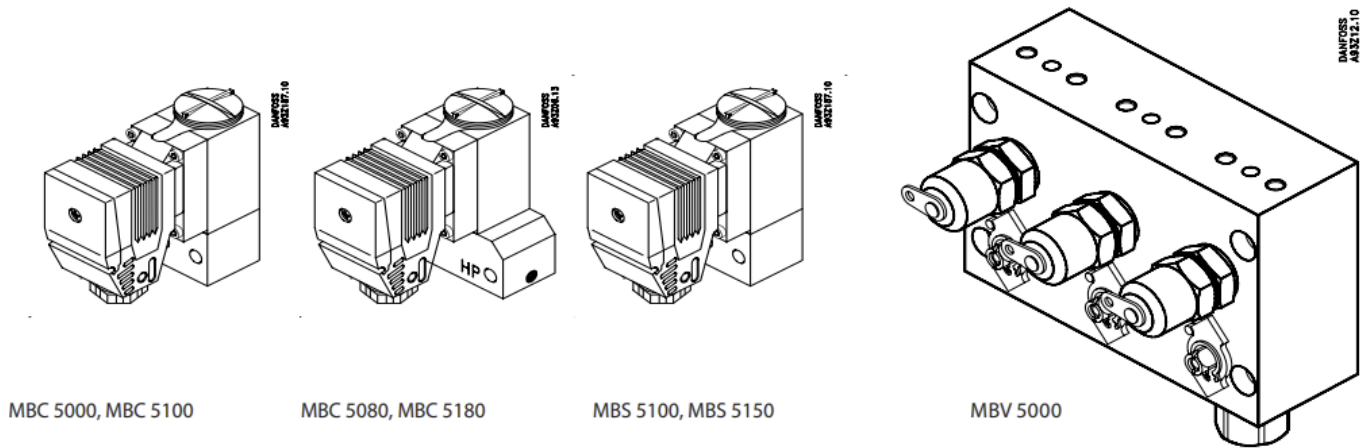
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Operation temperature $-10\text{ }^{\circ}\text{C} - 85\text{ }^{\circ}\text{C}$



Danfoss block components



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FAQS

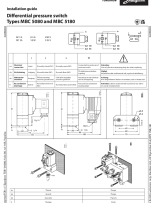
Q: Can I use a different plug for the electrical connection?

A: No, it is recommended to use only the accompanying plug provided with the pressure switch for safe and proper connection.

Q: What are the compatible models for the Danfoss block components?

A: Compatible models include MBC 5000, MBC 5100, MBC 5080, MBC 5180, MBS 5100, MBS 5150, and MBV 5000.

Documents / Resources

	Danfoss MBC 5080,MBC 5180 Differential Pressure Switch [pdf] Installation Guide MBC 5080, MBC 5180, MBC 5080 MBC 5180 Differential Pressure Switchx, MBC 5080 MBC 5180, Differential Pressure Switchx, Pressure Switchx
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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