



KPS 76 Pressure
Switch and
Thermostat



Danfoss KPS 76 Pressure Switch and Thermostat Installation Guide

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Danfoss KPS 76 Pressure Switch and Thermostat



Product Specifications

- **Type:** Pressure Switch
- **Model:** KPS 83
- **Material:** Brass
- **Pressure Range:** 10(6) A, 440 V AC L.R. 50A 220V, 12 W DC PILOT
- **Length:** 75mm, 110mm, 160mm
- **Manufacturer:** Danfoss Ltd.

Product Usage Instructions

Installation

1. Disconnect the power supply before starting the installation to avoid electrical shock.
2. Refer to the data sheet for specific installation instructions for different types.
3. Ensure proper wiring connections are made according to the provided guide.

Operation

Once correctly installed, the pressure switch will monitor and control the pressure within the specified range.

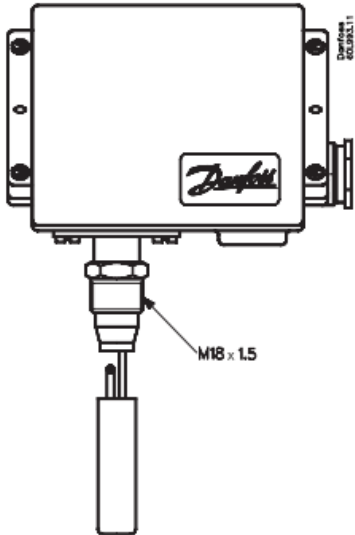
Maintenance

Regularly check for any signs of damage or wear. If any issues are detected, consult a professional for repair or replacement.

Thermostat

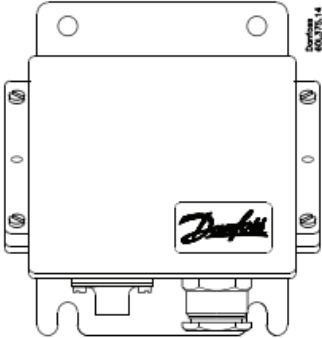
Types KPS 76 – KPS 83

Installation guide

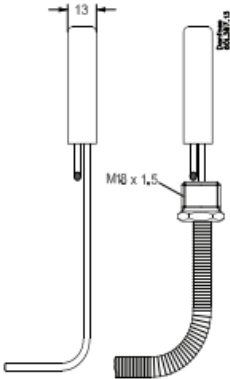


Danfoss
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M18 x 1.5

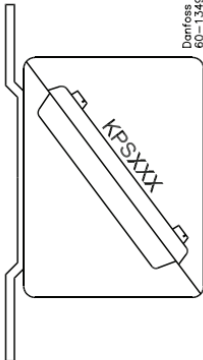


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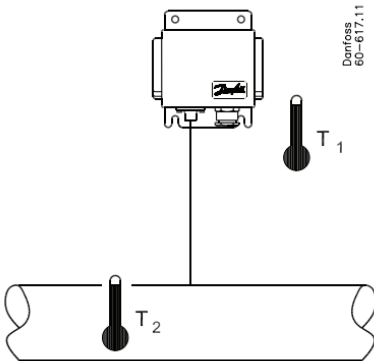
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M18 x 1.5



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KPSXXX

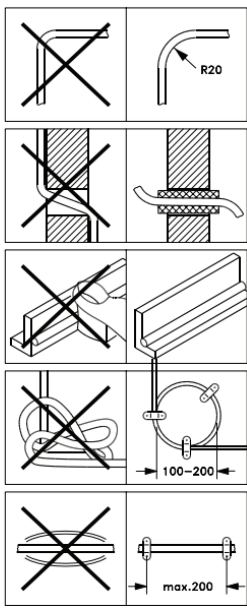


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60-617.11

T₁

T₂

	T ₂ max. [°C]	T ₁ min. [°C]	T ₁ max. [°C]
KPS 76	80	-40	70
KPS 77	130		
KPS 79	200		
KPS 80	220		
KPS 81	250		
KPS 83	300		



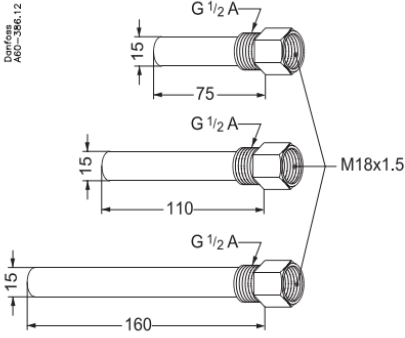
DANFOSS
A17-593.12

R20

100-200

max.200

info for UK customers only: Danfoss Ltd., 22 Wycombe End, HP9 1NB, GB



Danfoss
AGO-386.12

G 1/2 A

15

75

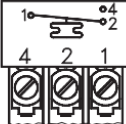
110

160

M18x1.5

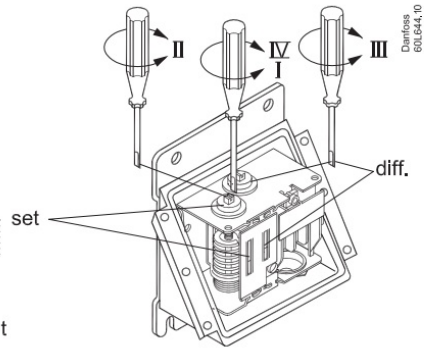
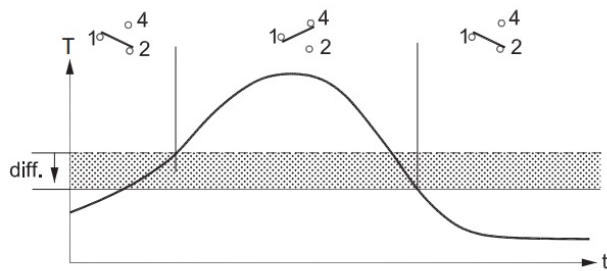
L [mm]	Brass	St.18/8
75	060L326266	-
110	060L327166	060L326866
160	060L326366	060L326966

For more types please refer to data sheet.



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10(6) A, 440 V AC L.R. 50A
220V, 12 W DC PILOT

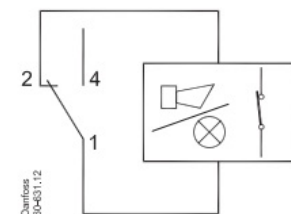
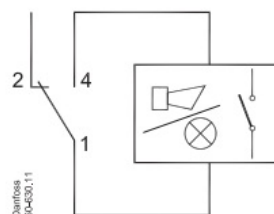
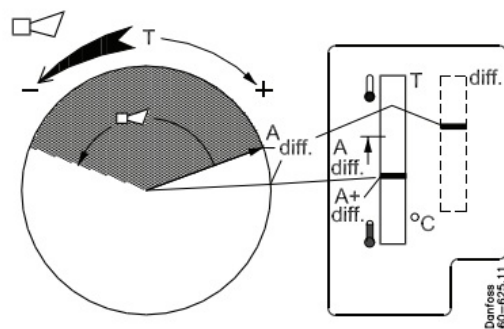
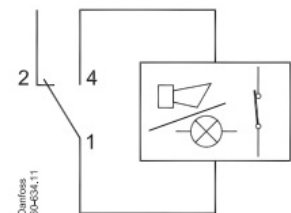
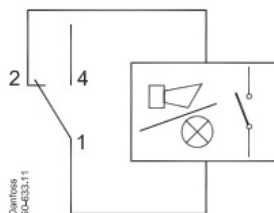
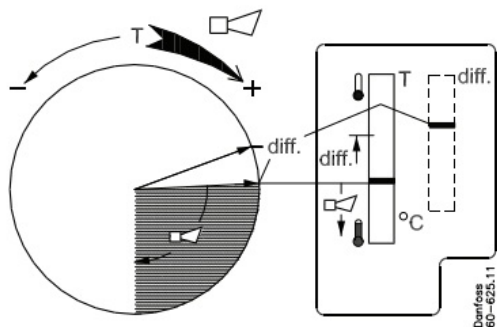
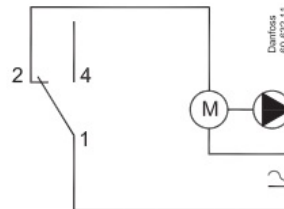
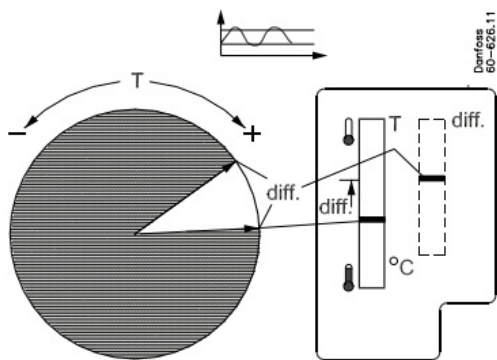


Type	Code no.	Diff. [°C]
KPS 83	060L313966	18



CAUTION:

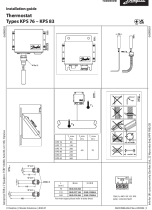
Disconnect power supply before wiring connections are made or service to avoid possible electrical shock or damage to equipment. Do never touch live parts with your fingers or with any tool.



Frequently Asked Questions

- **Q:** Can I use this pressure switch for both AC and DC applications?
 - **A:** Yes, the pressure switch is designed to work with both AC and DC power sources. Ensure that the voltage ratings are within the specified range.
- **Q:** How do I select the appropriate length for my application?
 - **A:** Choose the length based on the space available for installation and the specific requirements of your system. Refer to the manual for guidance.
- **Q:** What should I do if the pressure switch malfunctions?
 - **A:** If you experience any issues with the pressure switch, disconnect power and seek professional assistance to diagnose and rectify the problem.

Documents / Resources

	<p>Danfoss KPS 76 Pressure Switch and Thermostat [pdf] Installation Guide KPS 76, KPS 77, KPS 79, KPS 80, KPS 81, KPS 83, KPS 76 Pressure Switch and Thermostat, KPS 76, Pressure Switch and Thermostat, Thermostat</p>
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References

- [User Manual](#)

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

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