

Danfoss AKS 32R Ratiometric Pressure Transmitter featured



Danfoss AKS 32R Ratiometric Pressure Transmitter User Guide

[Home](#) » [Danfoss](#) » Danfoss AKS 32R Ratiometric Pressure Transmitter User Guide 

Contents

- [1 Danfoss AKS 32R Ratiometric Pressure Transmitter](#)
- [2 Guide](#)
- [3 Documents / Resources](#)
 - [3.1 References](#)



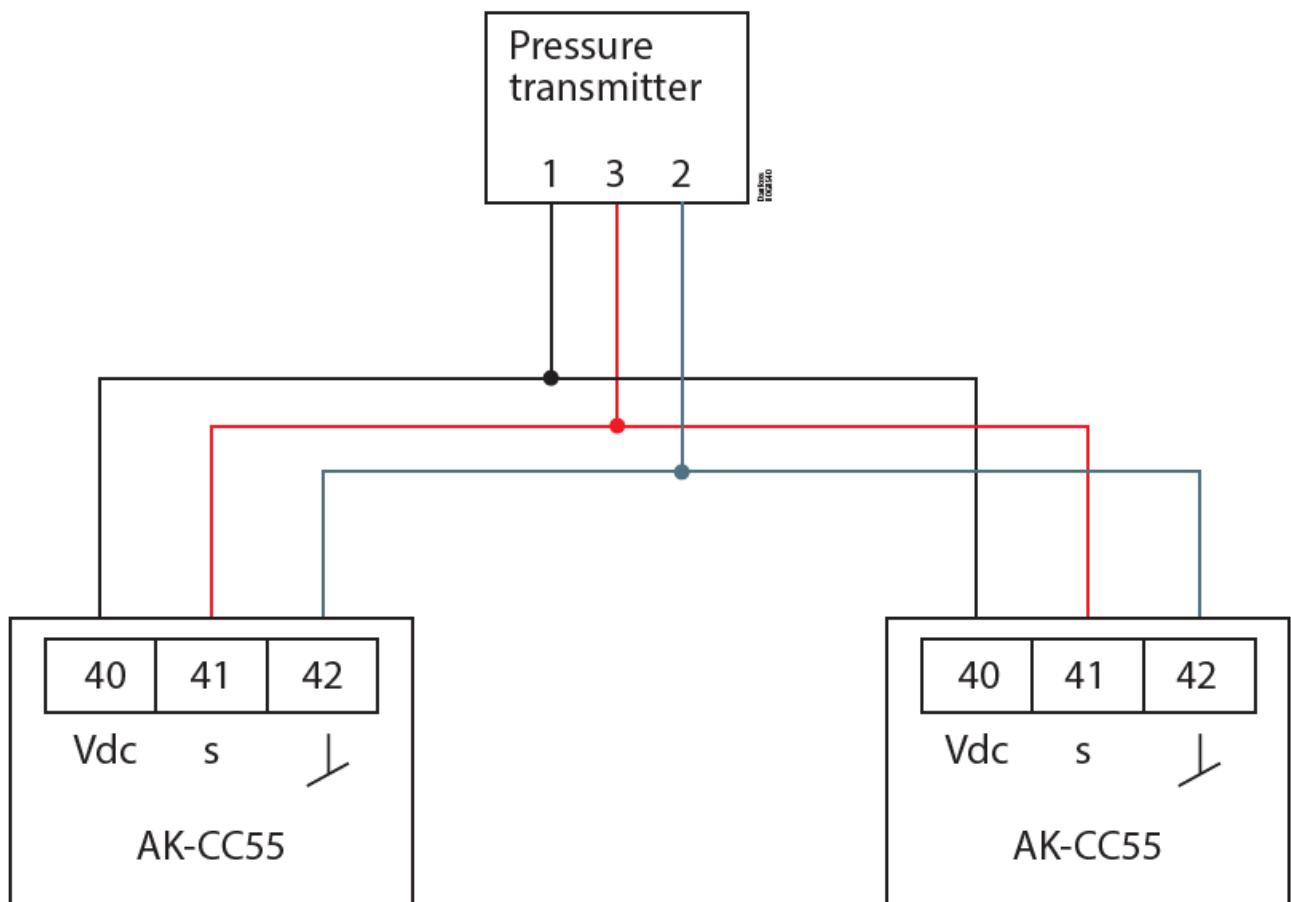
Danfoss AKS 32R Ratiometric Pressure Transmitter



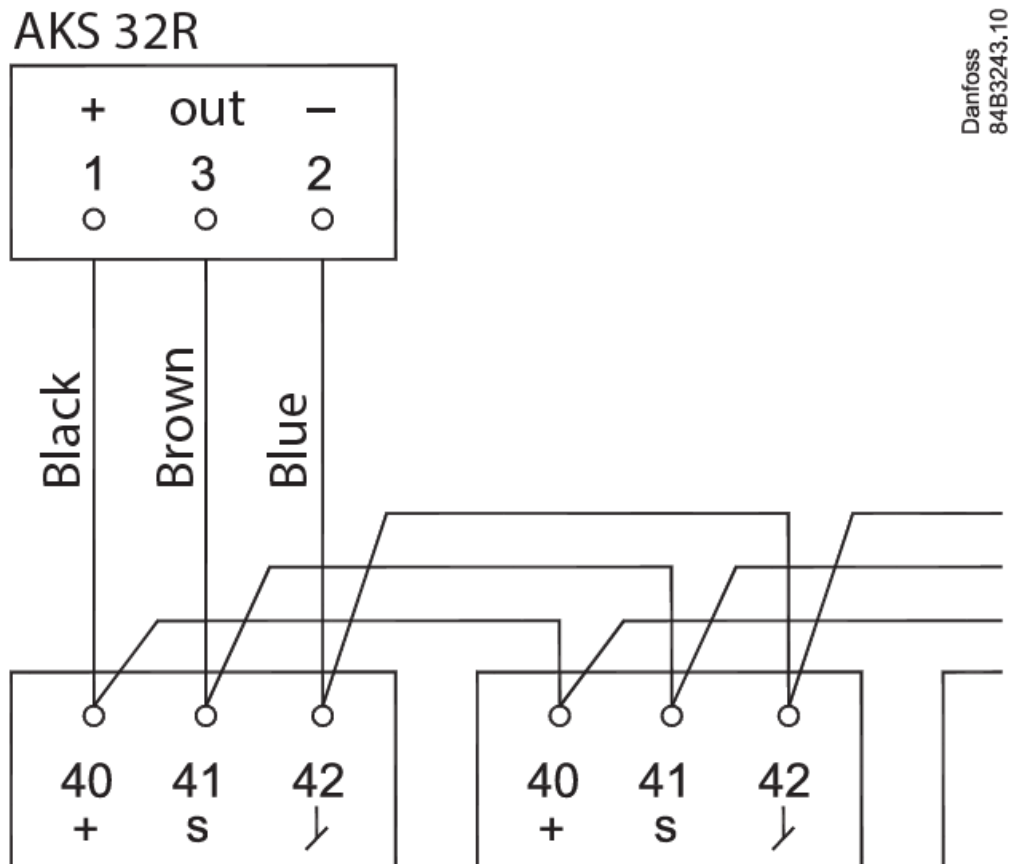
Guide

More than one AK-CC55

(Yes, it is possible)



The signal from one pressure transmitter can be shared by up to 10 controllers. More details in the User Guide of the AK-CC55:

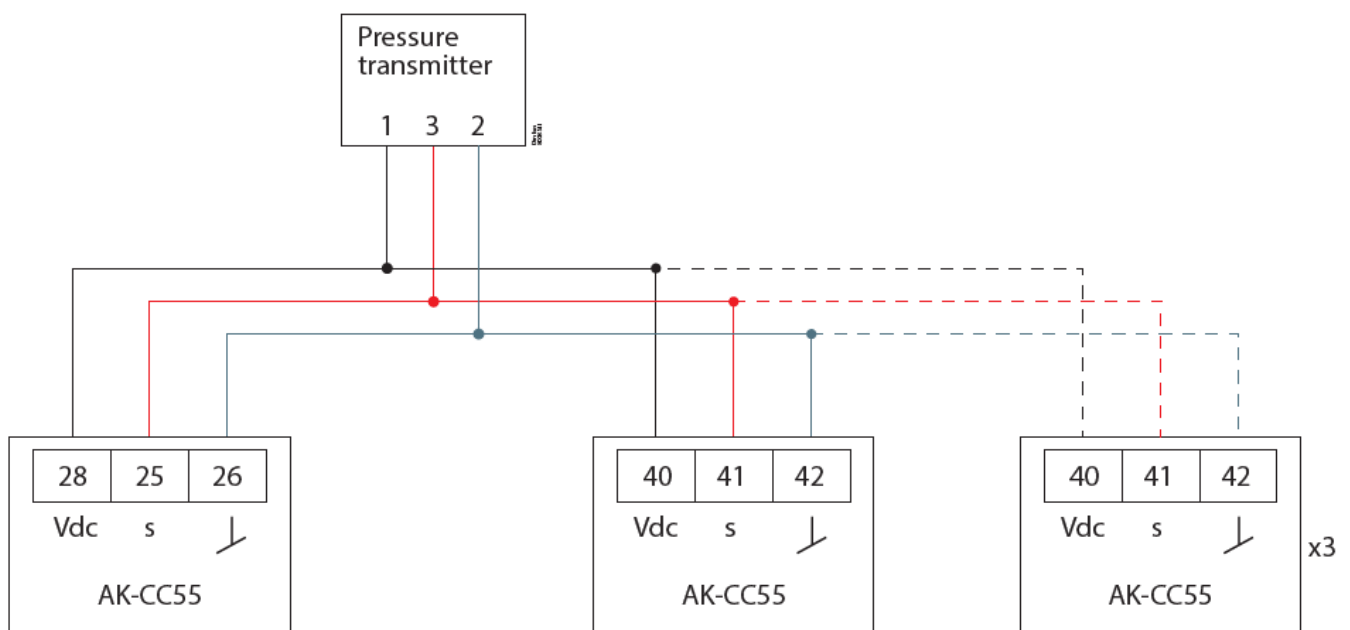

 Danfoss
84B3243.10

The signal from one pressure transmitter can be received by up to 10 controllers.

There must not be a significant pressure drop from the pressure transmitter's position in the suction line to the individual evaporators.

One AK-CC 750A and AK-CC55

(Possible, but not recommended)

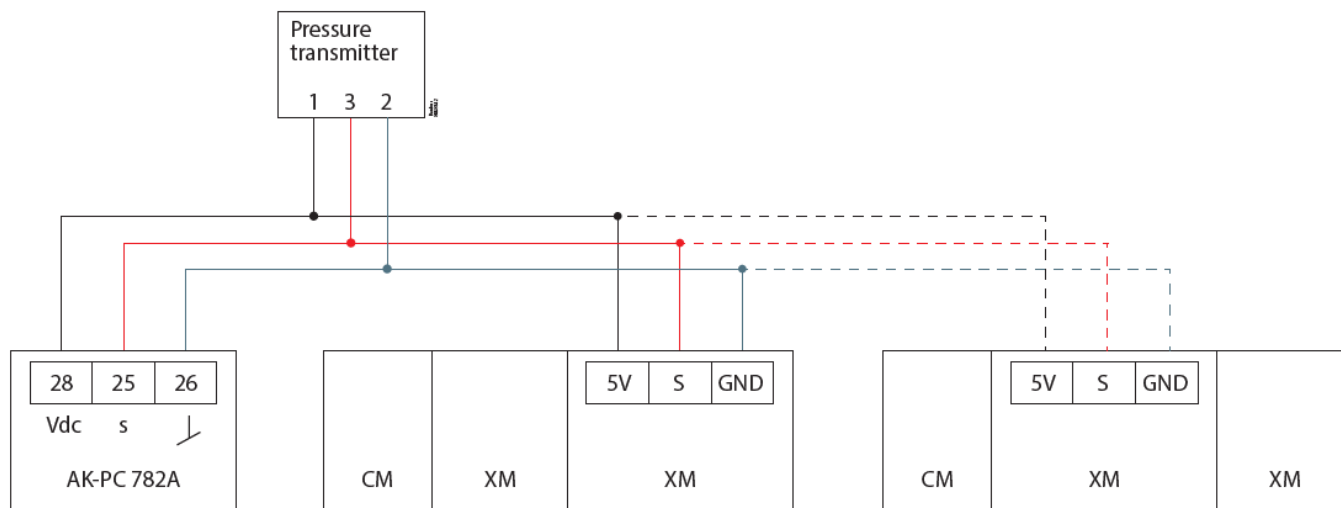


The signal from one pressure transmitter can be received from up to 5 controllers.

For example: 1x AK-CC 750A and 4x AK-CC55.

The signal from the pressure sensor may change only slightly, so the system still sees the signal as valid.

(Possible, but not recommended)



Limitation: Electrically it's possible to share the pressure transmitter, and the signal is displayed correctly. Up to 10 AK2 units can share the signal from a pressure transmitter, but this is not recommended by Danfoss. In case an AK2 unit is disconnected or loses supply voltage, this unit will affect the pressure signal.

The signal from the pressure sensor may change only slightly, so the system still sees the signal as valid.

If third party controllers are involved, then Danfoss is not responsible for the installation of the pressure transmitters sharing.

No, MCX controllers are not designed to share sensors with a physical connection.

The recommendation is to use the CANBus to share the sensor data reading with other controllers.

No, AK2 platform controllers are not designed to share sensors with physical connection with devices based on other platforms.

For more informations on pressure transmitters sharing, check other documents:

Title: Transmitter fault detection for AK-XM 101A, AK-XM 205A, AK-XM 205B

Document ID: RI8HZ552

Title: Transmitter fault detection for AK..., ECL..., ECA...

Document ID: RI8HZ452

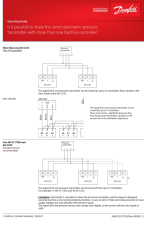
Climate Solutions

danfoss.com

+45 7488 2222

Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.

Documents / Resources

	<p>Danfoss AKS 32R Ratiometric Pressure Transmitter [pdf] User Guide AKS 32R Ratiometric Pressure Transmitter, AKS 32R, Ratiometric Pressure Transmitter, Pressure Transmitter, Transmitter</p>
---	--

References

- [**User Manual**](#)

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

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.