

Vickers® by Danfoss

Phase-out of KFDG5V-5/7/8 in 2018

We regularly review our product offerings to ensure the support of our customers and the availability of our products in order to keep always the competitiveness on the market with high quality and performance products.

As a part of this process, we will be phasing out the following:

Two Stage Proportional Feedback Valves with no onboard electronics

- KFDG5V-5
- KFDG5V-7
- KFDG5V-8

We offer 2 options for replacing KFDG5V valves:

- a) The preferred option is to move to an equivalent **KBFDG5V valve**. These are on-board electronic valves that would require a re-wiring of the electronic circuit to remove the exiting amplifier card controlling the KFDG5V valve. +/-10V and 4-20mA command options are available.
- b) Replace the KFDG5V valve with a higher performance **KHDG5V** valve. The **KHDG5V** valves have a second LVDT on the pilot valve for greater accuracy and will require a different amplifier card. See diagram and table below.

Changing the Eurocard

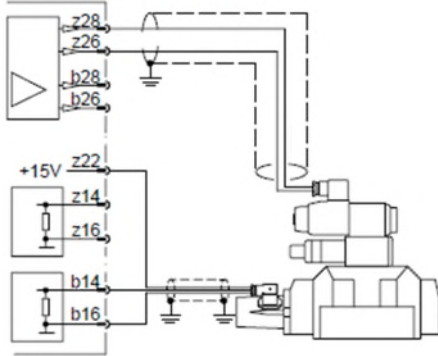
From EEA PAM 561-A-32 to EEA PAM 581-A-32 or 33
From EEA PAM 561-C-32 to EEA PAM 581-C-32 or 33
From EEA PAM 561-D-32 to EEA PAM 581-D-32 or 33
From EEA PAM 568-A-32 to EEA PAM 581-A-32 or 33
From EEA PAM 568-C-32 to EEA PAM 581-C-32 or 33
From EEA PAM 568-D-32 to EEA PAM 581-D-32 or 33

For the circuit add the wiring for the 2nd LVDT

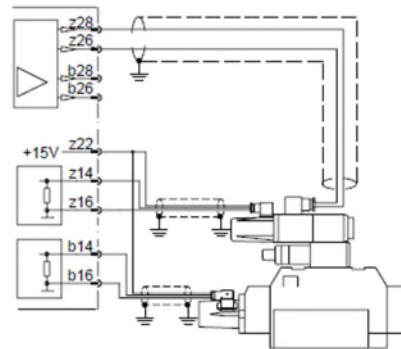
From:

To:

Amplifier Models: 561, 568



Amplifier Models: 541, 581



Wire the pilot LVDT to Z22 (+15V) Z14 (4.20mA) and Z16 (gnd).

See the cross-reference table for KHDG5V and KBFDG5V at the bottom of this page for latest product codes.

For size 8, there is also a substantial performance upgrade to bring it into line with the other Danfoss size 8 proportional valves. 2C flow increased from 300 to 375 l/min and 33C flow increased from 275 to 375 l/min.

Lead time for KHDG5V is standard 4 weeks, KBFDG5V is standard 8 weeks.

Phase out dates:

Phase out period will be between 1st January 2018 and 1st April 2018.

Last order date for KFDG5V will be 1st May 2018

Service Policy:

It is expected that spare parts for the KFDG5V design valves may continue to remain available for some time. However, as parts become limited then future warranty & repair activities will be supported by offering new equivalent valve type units. This activity will be managed on a case-by-case basis and you should contact your local Service and Repair for specific information.

For all inquiries, please contact IMCProductSupport@danfoss.com.

Cross reference KFDG5V to KHDG5V

Old number	Old model Code	New number	New model Code
871941	KFDG5V 5 2C100N EX VM U1H1 30	871939	KHDG5V-5-2C100N-EX-VM-U1-H1-20
871942	KFDG5V 5 2C100N X VM U1 H1 30	871918	KHDG5V-5-2C100N-X-VM-U1-H1-20
872229	KFDG5V 5 2C70N45 EX VM U1 H1 30	872160	KHDG5V-5-2C70N45-EX-VM-U1-H1-20
02-139215	KFDG5V 5 2C70N45 X VM U1 H1 30	02-359562	KHDG5V-5-2C70N45-X-VM-U1-H1-20
02-323270	KFDG5V 5 33C60N40 X VM U1 H1 30	02-323330	KHDG5V-5-33C60N40-X-VM-U1-H1-20
871940	KFDG5V 5 33C80N EX VM U1 H1 30	02-146179	KHDG5V-5-33C60N40-EX-VM-U1-H1-20
871687	KFDG5V 5 33C80N X VM U1H1 30	871920	KHDG5V-5-33C80N-X-VM-U1-H1-20
872227	KFDG5V 7 2C150N85 EX VM UI H1 12	CRN Required	KHDG5V-7-2C150N85-EX-VM-U1-H1-30
02-147392	KFDG5V 7 2C150N85 X VM U1 H1 12	865AN00012A	KHDG5V-7-2C150N85-X-VM-U1-H1-30
871895	KFDG5V 7 2C200N EX VM U1 H1 12	865AN00009A	KHDG5V-7-2C200N-EX-VM-U1-H1-30
871722	KFDG5V 7 2C200N X VM U1 H1 12	865AN00010A	KHDG5V-7-2C200N-X-VM-U1-H1-30
02-323271	KFDG5V 7 33C130N65 X VM U1 H1 12	CRN Required	KHDG5V-7-33C130N65-X-VM-U1-H1-30
871894	KFDG5V 7 33C160N EX VM U1 H1 12	865AN00013A	KHDG5V-7-33C160N-EX-VM-U1-H1-30
871806	KFDG5V 7 33C160N X VM U1 H1 12	865AN00014A	KHDG5V-7-33C160N-X-VM-U1-H1-30
872230	KFDG5V 8 2C280N200 EX VM U1 H1 12	02-414635	KHDG5V-8-2C375N250-EX-VM-U1-H1-30
871897	KFDG5V 8 2C300N EX VM U1 H1 12	02-411547	KHDG5V-8-2C375N-EX-VM-U1-H1-30
871898	KFDG5V 8 2C300N X VM U1 H1 12	6042500-001	KHDG5V-8-2C375N-X-VM-U1-H1-30
02-156054	KFDG5V 8 33C250N170 X VM U1 H1 12	02-411852	KHDG5V-8-33C375N250-X-VM-U1-H1-30
871896	KFDG5V 8 33C270N EX VM U1 H1 12	02-412273	KHDG5V-8-33C375N-EX-VM-U1-H1-30
871723	KFDG5V 8 33C270N X VM U1 H1 12	6041384-001	KHDG5V-8-33C375N-X-VM-U1-H1-30

Cross reference KFDG5V to KBFDG5V

Old number	Old model Code	New number	New model Code
871941	KFDG5V 5 2C100N EX VM U1H1 30	861AN00018A	KBFDG5V-5-2C95N-EX-M1-PE7-H1-11
871942	KFDG5V 5 2C100N X VM U1 H1 30	861AN00004A	KBFDG5V-5-2C95N-X-M1-PE7-H1-11
872229	KFDG5V 5 2C70N45 EX VM U1 H1 30	861AN00053A	KBFDG5V-5-2C70N45-EX-M1-PE7-H1-11
02-139215	KFDG5V 5 2C70N45 X VM U1 H1 30	861AN00038A	KBFDG5V-5-2C70N45-X-M1-PE7-H1-11
02-323270	KFDG5V 5 33C60N40 X VM U1 H1 30	861AN00054A	KBFDG5V-5-33C60N40-X-M1-PE7-H1-11
871940	KFDG5V 5 33C80N EX VM U1 H1 30	861AN00055A	KBFDG5V-5-33C80N-EX-M1-PE7-H1-11
871687	KFDG5V 5 33C80N X VM U1H1 30	861AN00009A	KBFDG5V-5-33C80N-X-M1-PE7-H1-11
872227	KFDG5V 7 2C150N85 EX VM UI H1 12	861AN00125A	KBFDG5V-7-2C150N85-EX-M1-PE7-H1-20
02-147392	KFDG5V 7 2C150N85 X VM U1 H1 12	861AN00129A	KBFDG5V-7-2C150N85-X-M1-PE7-H1-20
871895	KFDG5V 7 2C200N EX VM U1 H1 12	861AN00122A	KBFDG5V-7-2C200N-EX-M1-PE7-H1-20
871722	KFDG5V 7 2C200N X VM U1 H1 12	861AN00121A	KBFDG5V-7-2C200N-X-M1-PE7-H1-20
02-323271	KFDG5V 7 33C130N65 X VM U1 H1 12	CRN Required	KBFDG5V-7-33C130N65-X-M1-PE7-H1-20



August 2023

871894	KFDG5V 7 33C160N EX VM U1 H1 12	861AN00096A	KBFDG5V-7-33C160N-EX-M1-PE7-H1-20
871806	KFDG5V 7 33C160N X VM U1 H1 12	861AN00134A	KBFDG5V-7-33C160N-X-M1-PE7-H1-20
872230	KFDG5V 8 2C280N200 EX VM U1 H1 12	861AN00022A	KBFDG5V-8-2C375N250-EX-M1-PE7-H1-11
871897	KFDG5V 8 2C300N EX VM U1 H1 12	861AN00006A	KBFDG5V-8-2C375N-EX-M1-PE7-H1-11
871898	KFDG5V 8 2C300N X VM U1 H1 12	861AN00002A	KBFDG5V-8-2C375N-X-M1-PE7-H1-11
02-156054	KFDG5V 8 33C250N170 X VM U1 H1 12	861AN00039A	KBFDG5V-8-33C375N250-X-M1-PE7-H1-11
871896	KFDG5V 8 33C270N EX VM U1 H1 12	861AN00033A	KBFDG5V-8-33C375N-EX-M1-PE7-H1-11
871723	KFDG5V 8 33C270N X VM U1 H1 12	861AN00005A	KBFDG5V-8-33C375N-X-M1-PE7-H1-11