

Interface Technology

K-System Isolated Barriers

Analog input signals

Current repeaters



Model Number	Number of channels	Housing width		Field Side				Control Side				Transmission Direction		Functions			Supply		Installation in Zone 2	
		20 mm		1 mA ... 20 mA	4 mA ... 20 mA	0 mA ... 40 mA	Fire alarm	1 mA ... 20 mA	4 mA ... 20 mA	0 mA ... 40 mA	HART	To the control system	To the field / To the control system	HART communication	Reverse polarity protection	Line fault detection	Loop powered	SIL 3	SIL 2	Installation in Zone 2
KFD0-SCS-EX1.55	1	■		■				■				■				■			■	■
KFD0-CS-EX1.50P	1	■		■				■				■				■			■	■
KFD0-CS-EX1.51P	1	■			■					■						■			■	■
KFD0-CS-EX1.52	1	■			■					■						■			■	■
KFD0-CS-EX1.54	1	■		■				■				■				■		■	■	■
KFD0-CS-EX2.50P	2	■		■				■				■				■			■	■
KFD0-CS-EX2.51P	2	■			■					■						■			■	■
KFD0-CS-EX2.52	2	■		■				■				■				■			■	■
KFD0-CS-EX2.54	2	■		■				■				■				■		■	■	■
KFD0-CS-EX1.54-Y2	1	■		■				■				■				■			■	■

Voltage repeaters



Model Number	Number of channels	Housing width		Field Side						Control Side						Transmission Direction	Supply	Cut-off frequency					Installation in Zone 2			
		20 mm		RS 232	-10 V ... +10 V	0 V ... 12 V	-20 V ... 0 V	0 V ... 9 V	-50 mV ... +50 mV	-500 mV ... +500 mV	RS 232	-10 V ... +10 V	0 V ... 12 V	-20 V ... 0 V	0 V ... 9 V			-50 mV ... +50 mV	-500 mV ... +500 mV	To the control system	24 V DC	350 Hz	1.2 kHz	10 kHz	20 kHz	50 kHz
KFD2-VR2-EX1.50M	1	■																■		■					■	■
KFD2-VR2-EX1.500M	1	■																■		■					■	■
KFD2-VR-EX1.12	1	■																■		■					■	■
KFD2-VR-EX1.18	1	■																■		■					■	■
KFD2-VR-EX1.19	1	■																■		■					■	■
KFD2-VR-EX1.19-Y109129	1	■																■		■					■	■
KFD2-VR4-EX1.26	1	■																■		■					■	■
KFD2-FF-EX2.RS232	1	■		■														■		■					■	■