


**SCATTERGOOD  
& JOHNSON LTD**


ELECTRICAL ENGINEERING AND FLUID CONTROL DISTRIBUTORS

# Pepperl & Fuchs

(1 of 4)

## Zone 1 Galvanic Isolators

### K Series Galvanic Isolators

#### Certification Information

The certificate number, the approval and the ambient temperature vary for each barrier.

#### Features

- Galvanic isolation of signals between hazardous and safe area.
- Wide range of barriers and signal conversion for various applications available.
- Connection to power rail available on most barrier types.
- Removable blue terminals on Ex side, removable green terminals on safe side.

Please note that the certification values of the I.S. instrument should be taken into consideration when selecting a barrier, please contact the hazardous area department for further information.



Transformer Isolation Barriers			Supply Voltage 103.5-126V AC
Order Reference	Description	Price	Function
KFA5-SR2-EX1.W	1 Ch. Transformer Isolated Barrier	P.O.A.	Isolates digital signals from NAMUR sensors or mechanical contacts and provides a relay output.
KFA5-SR2-EX2.W	2 Ch. Transformer Isolated Barrier	P.O.A.	

Transformer Isolation Barriers			Supply Voltage 207-253V AC
Order Reference	Description	Price	Function
KFA6-SR2-EX1.W	1 Ch. Transformer Isolated Barrier	P.O.A.	Isolates and transfers digital signals from NAMUR sensors or mechanical contacts located in the hazardous area and provides a relay output.
KFA6-SR2-EX1WLB	1 Ch. Transformer Isolated Barrier + Lead Break	P.O.A.	
KFA6-SR2-EX2.W	2 Ch. Transformer Isolated Barrier	P.O.A.	

Transformer Isolation Barriers			Supply Voltage 20-30V DC / Power Rail
Order Reference	Description	Price	Function
KFD2-SR2-EX1.W	1 Ch. Transformer Isolated Barrier	P.O.A.	Isolates and transfers digital signals from NAMUR sensors or mechanical contacts located in the hazardous area and provides a relay output.
KFD2-SR2-EX1WLB	1 Ch. Transformer Isolated Barrier + Lead Break	P.O.A.	
KFD2-SR2-EX2.W	2 Ch. Transformer Isolated Barrier	P.O.A.	
KFD2-SRA-EX4	4 Ch. Transformer Isolated Barrier	P.O.A.	Isolates and transfers digital signals from NAMUR sensors or mechanical contacts located in the hazardous area and provides a transistor output.
KFD2-ST2-EX1.LB	1 Ch. Transformer Isolated Barrier + Lead Break	P.O.A.	
KFD2-ST2-EX2	2 Ch. Transformer Isolated Barrier	P.O.A.	
KFD2-SOT-EX1	1 Ch. Transformer Isolated Barrier	Refer	
KFD2-SOT2-EX1LB	1 Ch. Transformer Isolated Barrier + Lead Break	P.O.A.	
KFD2-SOT2-EX2	2 Ch. Transformer Isolated Barrier	P.O.A.	
KFD2-SH-EX1	1 Ch. Transformer Isolated Barrier (Safety)	P.O.A.	

Solenoid Drivers			Self Powered
Order Reference	Description	Price	Function
KFD2-SD-EX1.17	1 Channel Solenoid Driver, 65mA	P.O.A.	Supplies power from the applied input signal to the hazardous area where it is used to power solenoids, LED's, audible alarms and sounders
KFD2-SD-EX1.36	1 Channel Solenoid Driver, 80mA	P.O.A.	
KFD2-SD-EX1.48	1 Channel Solenoid Driver, 35mA	P.O.A.	
KFD2-SDEX14890A	1 Channel Solenoid Driver, 45mA	P.O.A.	

Solenoid Drivers			Supply Voltage 20-30V DC / Power Rail
Order Reference	Description	Price	Function
KFD2-SL2-EX1	1 Channel Solenoid Driver, 45mA, Logic Input	P.O.A.	Controls power to the hazardous area when a logic signal is applied. Suitable to power solenoids, LED's, audible alarms and sounders.
KFD2-SL2-EX1.B	1 Ch. Sol. Driver, 45mA, Logic + Lead Monitor	P.O.A.	
KFD2-SL2-EX1LK	1 Ch. Sol. Driver, 45mA, Logic + Fault Relay.	P.O.A.	
KFD2-SL2-EX2	2 Channel Solenoid Driver, 45mA, Logic Input	P.O.A.	
KFD2-SL2-EX2.B	2 Ch. Sol. Driver, 45mA, Logic + Lead Monitor	P.O.A.	

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