


**SCATTERGOOD
& JOHNSON LTD**


ELECTRICAL ENGINEERING AND FLUID CONTROL DISTRIBUTORS

Pepperl & Fuchs

(2 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.



Transmitter Supply Isolators		Supply Voltage 20-30V DC / Power Rail	
Order Reference	Description	Price	Function
KFD2-CREX120200	2 Wire Transmitter Supply, 4-20mA o/p	P.O.A.	Supplies power to 2 and 3 wire transmitters mounted in the hazardous area and transfers the input circuit current to the safe area. They can also be used as repeaters for 4-20mA or 0-20mA signals (current source), depending on the barrier type.
KFD2-CREX120300	2 & 3 Wire Transmitter Supply, 0/4-20mA o/p	P.O.A.	
KFD2-CREX120340	2 & 3 Wire Transmitter Supply, 0-20mA o/p	P.O.A.	
KFD2-CREX130200	2 Wire Transmitter Supply, 0/4-20mA o/p	P.O.A.	
KFD2-CREX130300	2 Wire Transmitter Supply, 0/4-20mA o/p	P.O.A.	
KFD2-CVEX130305	2 & 3 Wire Transmitter Supply, 0/1-5v o/p	P.O.A.	Supplies the transmitter with power and converts the input current to a voltage output.
KFD2-CVEX130310	2 & 3 Wire Transmitter Supply, 0/1-10v, o/p	P.O.A.	

SMART Transmitter Supply Isolators		Supply Voltage 20-30V DC / Power Rail	
Order Reference	Description	Price	Function
KFD2-STC1-EX1	SMART Transmitter Supply, 4-20mA o/p	P.O.A.	Supplies power to 2 and 3 wire SMART transmitters mounted in the hazardous area and transfers the input circuit current to the safe area.
KFD2-STC3-EX1	SMART Transmitter Supply, 4-20mA o/p	P.O.A.	
KFD2-STC4-EX1	SMART Transmitter Supply, 0/4-20mA o/p	P.O.A.	
KFD2-STC4-EX120	SMART Transmitter Supply, 0/4-20mA o/p	P.O.A.	

Rotation Speed Monitors		Supply Voltage 20-30V DC / Power Rail	
Order Reference	Description	Price	Function
KFD2-DWB-EX1.D	Speed Monitor + LCD + Keypad, Relay o/p	P.O.A.	Converts a mechanical input from a speed sensor mounted in the hazardous area and provides a series of outputs depending on the barrier type.
KFD2-FSU-EX1	Freq-Current Converter +LCD, 0/4-20mA o/p	P.O.A.	
KFD2-UFC-EX1.D	Freq-Current Converter +LCD, 0/4-20mA o/p	P.O.A.	

Rotation Speed Monitors		Supply Voltage 230V AC	
Order Reference	Description	Price	Function
KFA6-DWB-EX1.D	Speed Monitor + LCD + Keypad, Relay o/p	P.O.A.	Converts a mechanical input from a speed sensor

Rotation Speed Monitors		Supply Voltage 20-90V DC / 48-253V AC	
Order Reference	Description	Price	Function
KFU8-UFC-EX1	Frequency-Current Converter, 0/4-20mA o/p	Refer	Converts a mechanical input from a speed sensor and provides an analogue 4-20mA output
KFU8-UFC-EX1.D	Freq-Current Converter +LCD, 0/4-20mA o/p	P.O.A.	

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Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

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