

PROCESS AUTOMATION

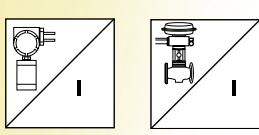
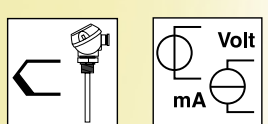
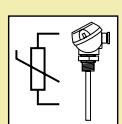
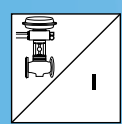
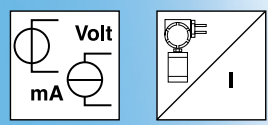
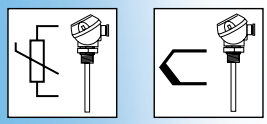


K-SYSTEM FOR THE NON-EX AREA

OVERVIEW



INSTRUMENTATION IN
A COMPLETE SYSTEM

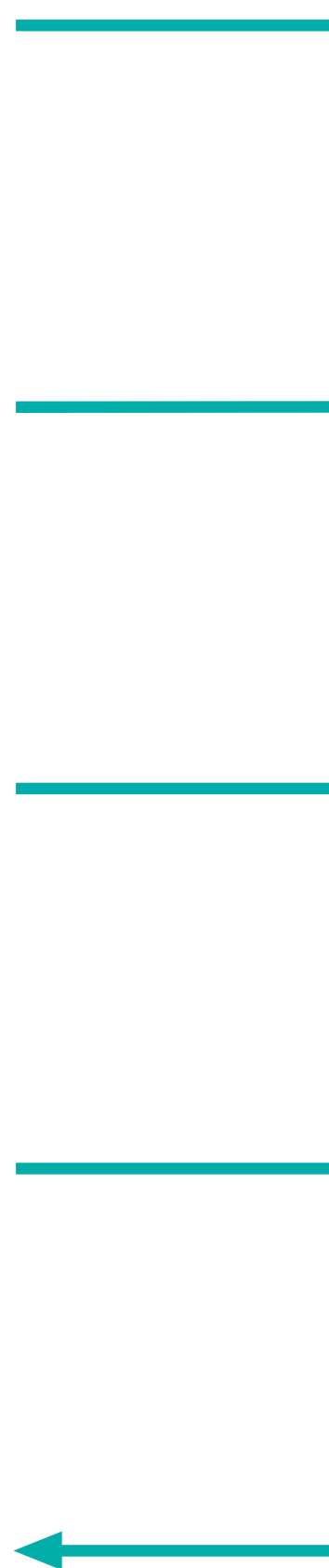
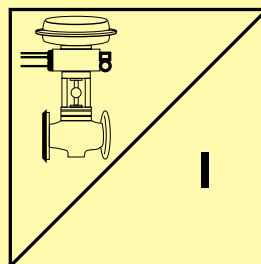
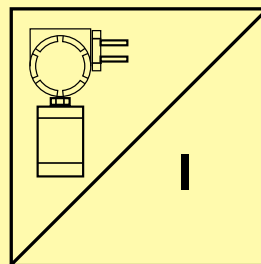
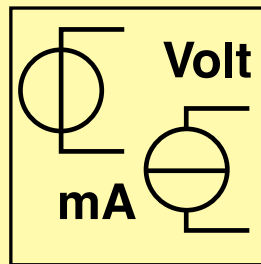
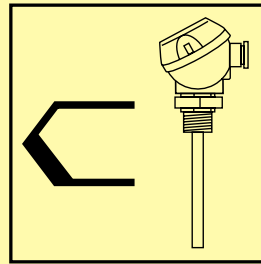
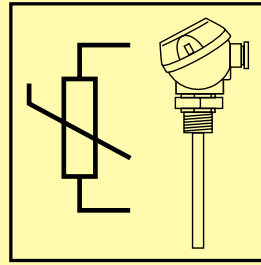
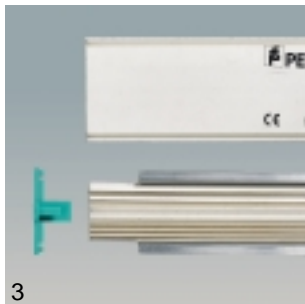
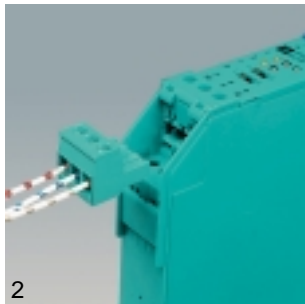
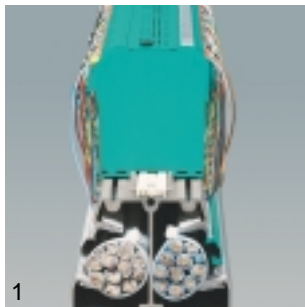


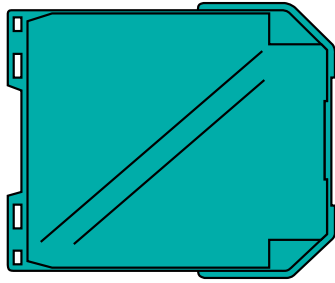
Do you need to convert and galvanically isolate measurement signals securely, quickly and inexpensively?

Using our K-System, it's not a problem. In addition to our proven Ex-i interface components, we now offer a series of devices for safety areas.

Advantages:

- User-friendly housings
- Interconnected housing system for all devices - Ex-i and Non-Ex
- Family of proven digital and analog devices with all the required functions
- Reduced component widths mean high packing density
- Mounting on a space-saving KF profile (1)
- Plug-in type device terminals (2)
- Auxiliary power supply via power rail (3)
- Universal application possibilities from individual devices to complete systems
- Pre-fabricated system wiring on motherboards with optional PLC/PLS system plugs
- EMC according to NAMUR
- Complete solution from a single source: from planing and interface components to switching cabinet construction.



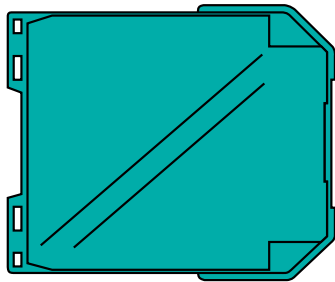


Analog input (AI) KFD2-UT-1.

measurement probe for temperature

Universal: suitable for thermoelements and RTDs

Individual: configurable via a PC



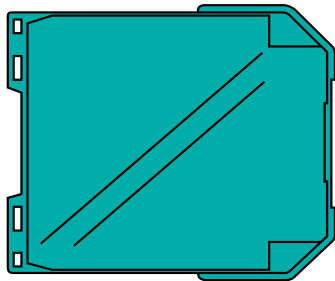
Analog Input (AI) KFD0-TR-1.

parallel connecting measurement probe for Pt 100

Precise: measurement signal calibration via a switch and potentiometer

Cost-effective: through limiting the functions to only those that you need.

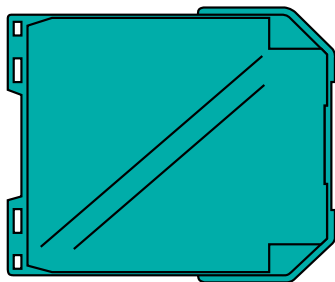
Versatile: available as **KFD0-TT-1** for thermoelements or **KFD0-CC-1** for current/voltage signals



Analog input (AI) KFD2-CR-1.300.

Transmitter current repeater

Flexible: designed for 2- or 3-wire transmitters and 0/4 mA to 20 mA sources



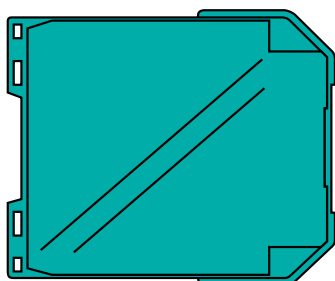
Analog Input (AI) KFD2-GS-1.2W.

Limit switch with 2 independent limit values

Supports many input signals: 0/4 mA to 20 mA; 0/1 V to 5 V and 0/2 V to 10 V are possible as input signals

Universal: as **KFD2-GU-1** also suitable for temperature measuring sensors such as Pt 100 or thermocouples.

Adjustable: the hysteresis, the relay direction of action and the type of alarm can be selected for each of the two switching points



Analog Output (AO) KFD0-CS-1.50.

passive separator for 4 mA to 20 mA signals

Space-saving: also available in the 2 channel model **KFD0-CS-2.50**

Activ: also available in the model **KFD2-CD-1.32** for ohmic loads up to 850 Ω .

From a single module with pre-mounted components on the motherboard, to complete switching cabinets.

The interface system for all applications.

The Pepperl+Fuchs Group

USA Headquarter

Pepperl+Fuchs Inc. · 1600 Enterprise Parkway
Twinsburg, Ohio 44087 · Cleveland-USA
Tel. (330) 4 25 35 55 · Fax (330) 4 25 46 07

Asia Pacific Headquarter

Pepperl+Fuchs Pte Ltd. · P+F Building
18 Ayer Rajah Crescent · Singapore 139942
Tel. (65) 7 79 90 91 · Fax (65) 8 73 16 37

Worldwide Headquarter

Pepperl+Fuchs GmbH · Königsberger Allee 87
68307 Mannheim · Germany
Tel. (06 21) 7 76-0 · Fax (06 21) 7 76-10 00
<http://www.pepperl-fuchs.com>
e-mail: info@de.pepperl-fuchs.com

