

**Features**

- 16-channel
- Connection board for K-System HART Multiplexer
- Interface for parallel connections
- Galvanic isolation of HART signal

**Function**

This HART Termination Board have 16 terminal blocks to connect up to 16 HART field devices.

The connection board is connected in parallel into the field device loop. The HART signal is galvanically isolated via capacitors.

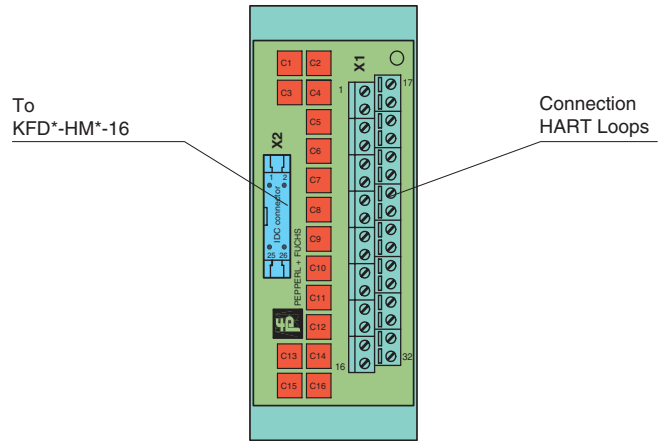
The Termination Board can be used for general-purpose applications or in conjunction with intrinsic safety barriers for hazardous applications.

A 26-pin flat cable K-HM26 is used for connection of each HART Multiplexers KFD\*-HM\*-16 to the Termination Board.

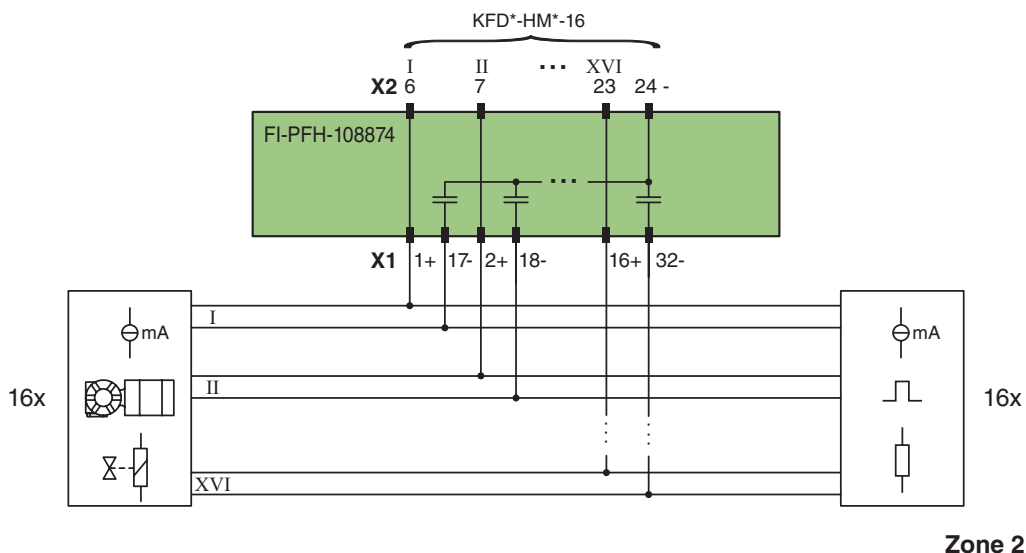
Other Termination Boards are available. Contact Pepperl+Fuchs for details.

**Assembly**

Front view



**Connection**



Zone 2

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<b>HART signal channels (intrinsically safe)</b>	
HART signal channels	
Load resistor	no
<b>Electrical isolation</b>	
HART signal channels	yes
<b>Ambient conditions</b>	
Ambient temperature	0 ... 55 °C (32 ... 131 °F)
Relative humidity	5 ... 90 %, non-condensing
<b>Mechanical specifications</b>	
Core cross-section	2.5 mm <sup>2</sup> (16 AWG)
Connection	field side: screw terminals control side: screw terminals multiplexer connection: 26-pin NFP-26A (Yamaichi)
Mass	approx. 200 g
Dimensions	67 x 50 x 126 mm (2.6 x 1.9 x 5 in)
Mounting	DIN rail mounting
<b>Data for application in connection with Ex-areas</b>	
Statement of conformity	PF 10 CERT 1617 X
Group, category, type of protection	⊕ II 3G Ex nA II T4
<b>General information</b>	
Supplementary information	Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .