

**Features**

- 16-channel
- Connection board for K-System HART Multiplexer
- Interface for parallel connections
- Connection via spring terminals

**Assembly**

**Function**

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

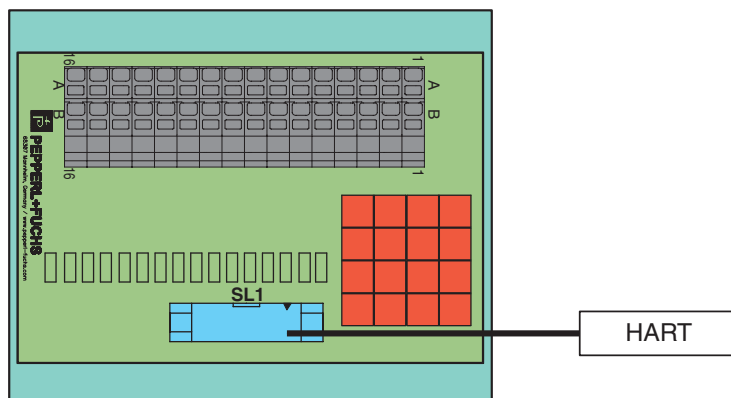
The connection board is connected in parallel into the field device loop.

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.



**Connection**



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
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<b>HART signal channels (non-intrinsically safe)</b>	
Load resistor	250 Ω
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61326-1:2013 (industrial locations)
<b>Conformity</b>	
Electromagnetic compatibility	NE 21:2012 For further information see system description.
Degree of protection	IEC 60529:2001
Shock resistance	EN 60068-2-27
Vibration resistance	EN 60068-2-6
<b>Ambient conditions</b>	
Ambient temperature	0 ... 50 °C (32 ... 122 °F)
Storage temperature	-15 ... 50 °C (5 ... 122 °F)
Relative humidity	≤ 93 % non-condensing
Shock resistance	15 g , 11 ms
Vibration resistance	1 g , 10 ... 150 Hz
<b>Mechanical specifications</b>	
Degree of protection	IP20
Connection	field side connection: spring terminals control side connection: NFP-26A, 26-pin (Yamaichi)
Core cross-section	0.25 ... 1.5 mm <sup>2</sup> (24 ... 12 AWG)
Mass	approx. 150 g
Dimensions	67 x 90 x 110 mm (2.6 x 3.5 x 4.3 inch)
Mounting	on 35 mm DIN mounting rail acc. to EN 60715:2001
<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> .

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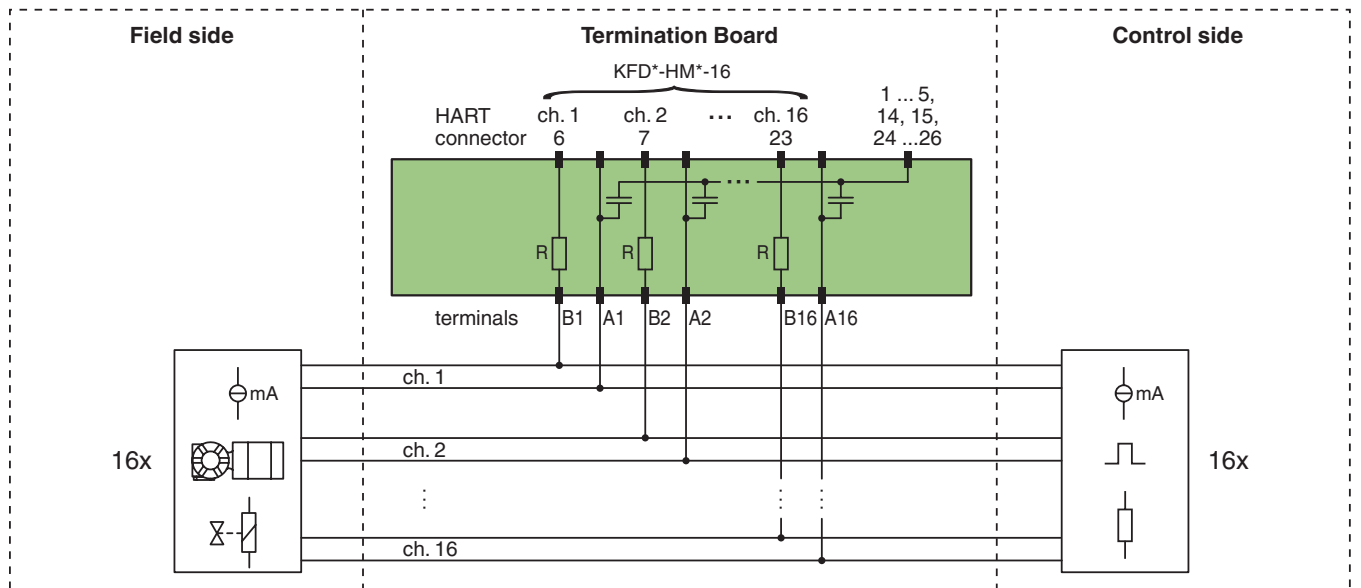
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**Application**

**Typical loop**



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**Configuration**

**pin-out-configuration**

Channel no.	Polarization	Terminal no.	HART connector
1	+	B1	6
	-	A1	*
2	+	B2	7
	-	A2	*
3	+	B3	8
	-	A3	*
4	+	B4	9
	-	A4	*
5	+	B5	10
	-	A5	*
6	+	B6	11
	-	A6	*
7	+	B7	12
	-	A7	*
8	+	B8	13
	-	A8	*
9	+	B9	16
	-	A9	*
10	+	B10	17
	-	A10	*
11	+	B11	18
	-	A11	*
12	+	B12	19
	-	A12	*
13	+	B13	20
	-	A13	*
14	+	B14	21
	-	A14	*
15	+	B15	22
	-	A15	*
16	+	B16	23
	-	A16	*
1 ... 16	common ground		1 ... 5, 14, 15, 24 ... 26

\* all minus signals are capacitively decoupled to common ground

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