



## 16 Channel IP20 Pepperl Fuchs Safety Barrier HART MUX Primary Module KFD2-HMM-16

### Our Product Introduction

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#### Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: KFD2-HMM-16
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



#### Product Specification

- Manufacturer: PEPPERL FUCHS
- Product No: KFD2-HMM-16
- Labeling: Space For Labeling At The Front
- Degree Of Protection: IP20
- Connection: Screw Terminals
- Mass: Approx. 250 G
- Control Elements: DIP Switch
- Type: RS-485 , 2-wire Multidrop
- Highlight: 16 channel Pepperl Fuchs Safety Barrier, IP20 Pepperl Fuchs Safety Barrier, KFD2-HMM-16



#### More Images



## Product Description

### PEPPERL FUCHS HART MUX Primary Module KFD2-HMM-16 16-channel

#### Product Description

#### HART MUX Primary Module

#### Functional safety related parameters

Safety Integrity Level (SIL) SIL 3

#### Supply

Connection terminals 17+, 18-

Rated voltage 20 ... 32 V DC typical at 100 mA

Power consumption max. 3 W

HART signal channels (non-intrinsically safe)

Conformity HART field device input (revision 5 to 7)

Connection 26-pin flat cable for analog connections

14-pin flat cable for primary module/secondary module connection between KFD2-HMM-16 and KFD0-HMS-16

Leakage current < 3  $\mu$ A at -20 ... 85 °C (-4 ... 185 °F)

Terminating resistor external 230 ... 500  $\Omega$  standard (up to 1000  $\Omega$  possible)

Output voltage  $\geq$  400 mV ss (with the terminator resistance specified above)

Output resistance 100  $\Omega$  or smaller, capacitive coupling

Input impedance according to HART specification

Input voltage range 0.08 ... 4 V ss ; typ.  $\pm$  5.2 V as local reference

#### Interface

Transfer rate 9600, 19200, or 38400 Bit/s (selectable with DIL switch (2 and 3) by the user)

Type RS-485 , 2-wire multidrop

Address selection One of 31 possible addresses selectable per DIL switch (4 ... 8)

#### Indicators/settings

Control elements DIP switch

Configuration via DIP switches

Labeling space for labeling at the front

#### Directive conformity

#### Electromagnetic compatibility

Directive 2014/30/EU EN 61326-1:2013 (industrial locations)

#### Conformity

Degree of protection IEC 60529:2001

#### Ambient conditions

Ambient temperature -20 ... 60 °C (-4 ... 140 °F)



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