

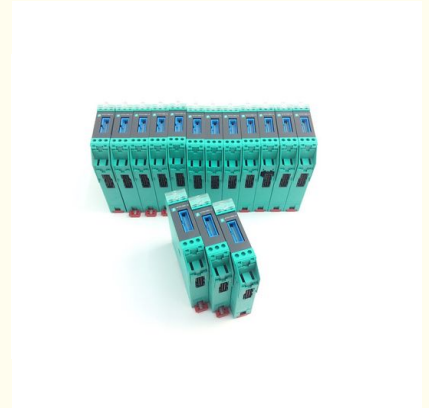
Pepperl Fuchs HART MUX Secondary Module KFD0-HMS-16 No external power required

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: PEPPERL FUCHS
- Model Number: KFD0-HMS-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: KFD0-HMS-16
- Safety Integrity Level (SIL): SIL 3
- Fieldbus Standard: IEC 61158-2
- Ambient Temperature: -20 ... 65 °C (-4 ... 149 °F)
- Housing: See Figure 1
- Degree Of Protection: IP20
- Mass: Approx. 100 G
- Highlight: **HART MUX Secondary Module,
HART MUX Secondary Module KFD0-HMS-16,
KFD0-HMS-16**



More Images



Product Description

Pepperl Fuchs HART MUX Secondary Module KFD0-HMS-16

16-channel

No external power required

HART field device input (revision 5 to 7)

Used with HART MUX primary module KFD2-HMM-16

Up to SIL 3 acc. to IEC/EN 61508

General specifications

HART MUX Secondary Module

Functional safety related parameters

Safety Integrity Level (SIL) SIL 3

Supply

Connection via 14-channel flat cable from the KFD2-HMM-16 primary module

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 $< 3 \mu\text{A}$ at $-20 \dots 85^\circ\text{C}$ ($-4 \dots 185^\circ\text{F}$)

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

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

Output resistance 100Ω or smaller, capacitive coupling

Input impedance according to HART specification

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

Indicators/settings

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 $-20 \dots 65^\circ\text{C}$ ($-4 \dots 149^\circ\text{F}$)

Mechanical specifications

Degree of protection IP20

Mass approx. 100 g

Dimensions $20 \times 93 \times 115 \text{ mm}$ ($0.8 \times 3.7 \times 4.5 \text{ inch}$) (W x H x D), housing type B1

Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001

Data for application in connection with hazardous areas

Certificate PF 07 CERT 1143 X

Marking Ex-Hexagon II 3G Ex nA IIC T4 Gc

Directive conformity

Directive 2014/34/EU EN 60079-0:2012+A11:2013, EN 60079-15:2010





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