

CE

Properties

- Parallel interface
- Data rate up to 225 kBaud
- Terminals
- Infrared light

Technical Data

*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

General Data	
Light type	modulated infrared light
Cycle time	35 ms
No-load supply current	40 mA
Data rate	225 Bit/s
Data sampling blanking	Enable input emitter deactivation
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Housing	Terluran, black
Optical face	glass
Protection degree	IP67
Connection	2 M16 cable glands, tension spring terminals in the terminal compartment



Model Number		DAD15-8P	DAD15-8P-NPN	DAD15-8P/35	DAD15-8P-NPN/35
Threshold detection range	2500 mm	●	●		
	5000 mm			●	●
Effective detection range	0 ... 1500 mm	●	●		
	0 ... 2500 mm			●	●
Diameter of the light spot	approx. 1000 mm at 1.5 m	●	●		
	approx. 500 mm at 1.5 m			●	●
Interface type	8 bit parallel, bidirectional 10 inputs, PNP , 10 outputs, PNP	●		●	
	8 bit parallel, bidirectional 10 inputs, NPN ; 10 outputs, NPN		●		●
Operating voltage	10 ... 30 V DC		●		●
	10 ... 60 V DC	●		●	

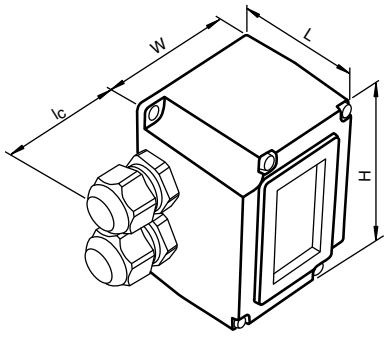
Dimensions	
Length L [mm]	51
Width W [mm]	56
Height H [mm]	76
Connector area l_c [mm]	24

Accessories

This and more accessories can be found in chapter 10

See pages from 974 ... for cordsets See pages 1074 ... for mounting aids

OMH-DAD10	Mounting bracket



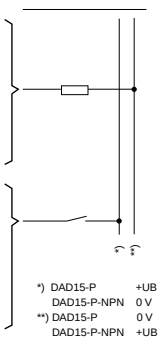
Electrical Connection



DAD15-8P
DAD15-8P/35
DAD15-8P-NPN
DAD15-8P-NPN/35

Pin	Function	Description
1, 14	0 V	- Supply voltage
2	+UB	+ Supply voltage
3	SYNC	Synchronization
4	REC	Receive indicator
5	D8OUT	Output data bit 8
6	D7OUT	Output data bit 7
7	D6OUT	Output data bit 6
8	D5OUT	Output data bit 5
9	D4OUT	Output data bit 4
10	D3OUT	Output data bit 3
11	D2OUT	Output data bit 2
12	D1OUT	Output data bit 1
13, 25	-	not connected
15	D8IN	Input data bit 8
16	D7IN	Input data bit 7
17	D6IN	Input data bit 6
18	D5IN	Input data bit 5
19	D4IN	Input data bit 4
20	D3IN	Input data bit 3
21	D2IN	Input data bit 2
22	D1IN	Input data bit 1
23	IN-Master/Slave	Master/Slave select
24	IN Enable	Input enable

Schematic



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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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