

## WB-CANHUB-000

## Box CAN-Hub 5/8 Standard

### Function

- CAN Bus extension to connect up-to 4 CAN modules

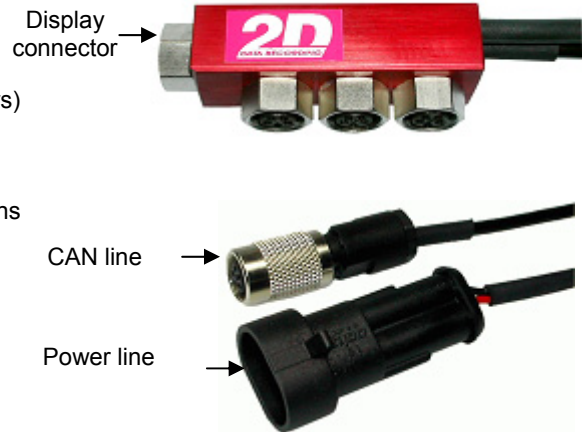
### Features

- To connect CAN Modules (Logger, Boxes, Displays)
- To supply the system with power
- To extend the number of available CAN connections
- (3+1)\*5 Pin and 1\*8 Pin Connector
- Internal resistor to terminate the CAN line

### Possible options



WB-CANHUB-xxx (=Box CAN-Hub 5/8 Custom)



### Technical specifications

#### Electrical characteristics

Power supply.....	8-18 Vdc
Connectors.....	
4 x Binder, 5PF.....	CAN-lines
1 x Binder, 8PF.....	Display
1 x AMP, 2PM.....	Power-line

#### Environmental data

Ambient operating range.....	0 to +75 °C
Humidity.....	5 to 95 %
Sealing class.....	IP 67

#### Mechanical characteristics

Dimensions.....	45 x 15 x 12 mm
Weight (incl. cables).....	67 g
Housing material.....	aluminium
Cable.....	
type.....	Raychem
wire cross section.....	4 x AWG24
length (CAN line).....	1500 mm
length (Power line).....	300 mm

#### Vibration resistance

Shock.....	40 G
during a time period of..	10 ms
Vibration tested at.....	12 G
with a test frequency of..	1000 Hz

#### Ordering information

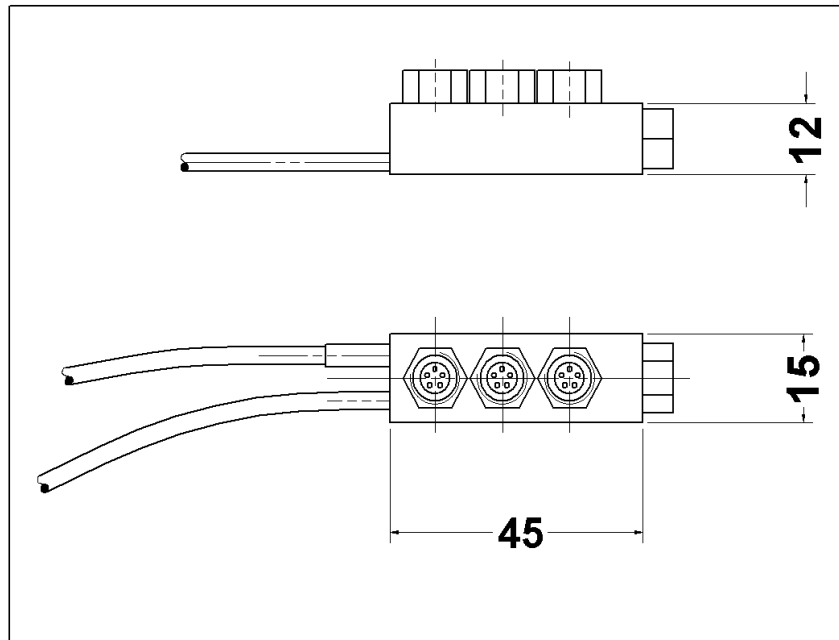
Art.No.:

Standard:.....	WB-CANHUB-000
Extension:.....	WB-CANHUB-001
Custom:.....	WB-CANHUB-002

**WB-CANHUB-000**

**Box CAN-Hub 5/8 Standard**

**Dimensions**



**Connector layout**

Pin	CAN-line (5-pin)	Color
1	CAN H	white
2	CAN L	green
3	GND	black
4	-	-
5	Vext	red

Pin	CAN-line (8-pin)	Color
1	-	-
2	GND	black
3	-	-
4	Vext	red
5	CAN H	white
6	CAN L	green
7	-	-
8	-	-

Pin	Power line	Color
1	Vext	red
2	GND	black

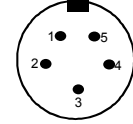
**Connector types**

**Connector at module**



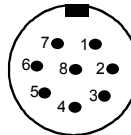
Binder 712 5PF

**Mating plug**



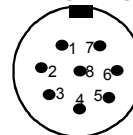
Binder 712 5PM

**Connector at module**



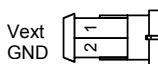
Binder 712 8PF

**Mating plug**



Binder 712 8PM

**Connector at module**



AMPSuperSeal, 2PM

**Mating plug**



AMPSuperSeal, 2PF

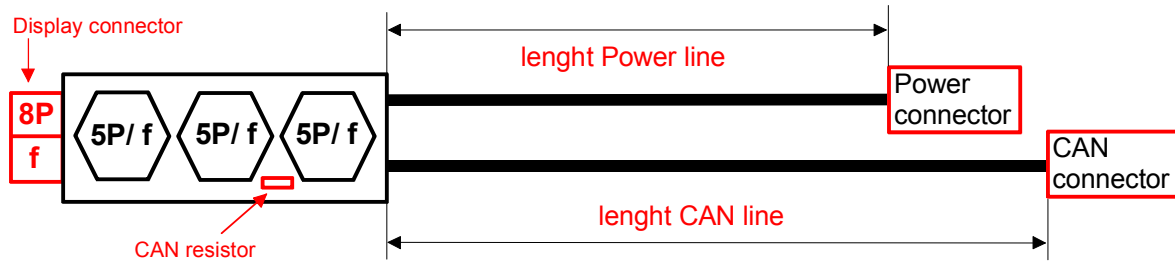


On request some options are possible for the CAN-line connector of all 2D CAN modules. Please take a look at the product group [Connectors] in the 2D Product catalog


**WB-CANHUB-xxx**

**Box CAN-Hub 5/8 Custom**

 **Please mark and write out your values in the table below !**



<b>CAN resistor</b>	with <input type="radio"/>	<b>Display connector</b>	with <input type="radio"/>
	without <input type="radio"/>		without <input type="radio"/>
<b>Power line</b>	a.) Lead with AMP-connector	<input type="radio"/>	300 mm
	Lead with AMP-connector	<input type="radio"/>	_____ mm
	b.) Lead with open wires	<input type="radio"/>	_____ mm
	c.) No power input	<input type="radio"/>	
<b>CAN line</b>	a.) Lead with 5P / female	<input type="radio"/>	1500 mm
	Lead with 5P / female	<input type="radio"/>	_____ mm
	b.) Lead with 5P / male	<input type="radio"/>	_____ mm
	c.) Lead with 8P / female	<input type="radio"/>	_____ mm
	d.) Lead with 8P / male	<input type="radio"/>	_____ mm
	e.) Lead with open wires	<input type="radio"/>	_____ mm
	f.) No CAN line	<input type="radio"/>	

 For the first order of customer options please use the following order code: **WB-CANHUB-xxx**  
 After the first order you will get from 2D a uniquely order code for your next orders.