

IN-USB2CAN09-000

Programming Unit

Features

Unit for programming 2D CAN-Modules via USB

- USB bus powered module
- Selections of configuration data from CAN modules (=reading)
- Program new configuration data into CAN modules (=writing)
- Display of current measured values of the CAN modules in **2D** software Wintl



Technical specifications

Electrical characteristics

USB bus powered module.....	Yes
Power supply for several CAN modules.	No

CAN-line

120Ω terminated.....	No
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Connections

USB type A (standard).....	1
CAN-line (Binder, 712 5PM).....	1

Mechanical characteristics

Dimensions.....	40 x 20 x 14 mm ³
Weight (including cable).....	80 g
Housing material.....	plastic

Cable

CAN:	
type.....	Raychem, EPD
wire cross section..	4 x AWG26
length.....	150 mm
USB:	
type.....	USB type A, standard
wire cross section..	4 x AWG28
Length.....	1000 mm

Vibration resistance

Shock.....	40 G
.....	10 ms
Vibration tested at.....	12 G
.....	1000 Hz

Environmental data

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

Ordering information

Art.No.:.....	IN-USB2CAN09-000
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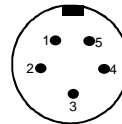
Programming Unit

Connector layout

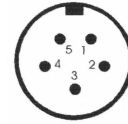
Connector type

CAN-line

	Pin	Name	Description	Color (standard)
CAN-line Binder 712, 5pin	1	CAN H	CAN Bus High	white
	2	CAN L	CAN Bus Low	green
	3	GND	Ground	black
	4	n.c.	Not connected	-
	5	Vext	Power IN (4-18V)	red



Binder 712, 5 PM
(front side)



Binder 712, 5 PF
(front side)

USB type A connector (Standard)

	Pin	Name	Description	Color
USB Standard	1	Vcc	USB power	red
	2	D -	Data -	orange
	3	D+	Data +	blue
	4	GND	USB Ground	black