

# Z-PC LINE COMMUNICATION DEVICES

## ZC-107FO

Fiber Optic ↔ CAN bus converter



CE

**Power Supply**

12..40 Vdc or 12..28 Vac (50-60 Hz)

**CAN interface**

CANBUS 2.0 Protocol, max speed 1 Mbps, IDC 10 connector

**Fiber Optic**

Multimodal (62,5/125 o 50/125 μm), ST – ST connectors

**Operating Temperature**

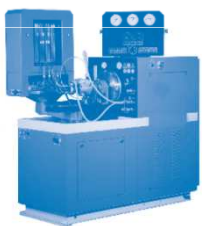
-30..+60°C

**Dimensions**

17,5 x 100 x 112 mm (w x h x d)

**Typical use**

Isolator, repeater and coupler for CAN buses



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# ZC-107FO

Fiber Optic ↔ CAN bus converter



## ORDER CODE

<b>Model</b>	<b>ZC-107FO</b>	Fiber Optic ↔ CAN serial converter
<b>Accessories</b>	<b>Z-PC-DINAL2-17.5</b>	Terminal block for power / bus + 2 slot
	<b>Z-PC-DIN2-17.5</b>	2 slot block 17.5 mm
	<b>Z-PC-DIN8-17.5</b>	8 slot block 17.5 mm

## TECHNICAL SPECIFICATION

### GENERAL FEATURES

<b>Power Supply</b>	12..40 Vdc, 12..28 Vac (50-60 Hz)
<b>Power consumption</b>	1,2 W
<b>Status indication</b>	State, communication, functioning
<b>Galvanic Isolation</b>	500 Vac input // power supply
<b>Operating temperature</b>	-30..+60 °C
<b>Storage Temperature</b>	-30..+85 °C
<b>Humidity</b>	30..90% non condensing
<b>Dimensions</b>	17,5 x 100 x 112 mm(w x h x d)
<b>Weight</b>	140 g
<b>Housing</b>	PBT, black color
<b>Mounting</b>	DIN 46277 guide
<b>Configuration</b>	Via DIP-switches (baud rate, parity, serial port, bit stop, termination)
<b>Conformity</b>	CE, EN 61000-6-4, EN 64000-6-2, EN 61010-1, EN 60742

### FIBER OPTIC

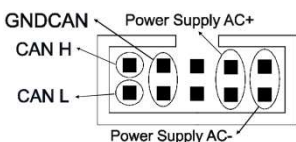
<b>Type</b>	Multimodal(62,5/125 o 50/125 μm)
<b>Connectors</b>	ST / ST Frontal connectors
<b>Delay message</b>	300 μs
<b>Max distance</b>	2 km

### CAN INTERFACE

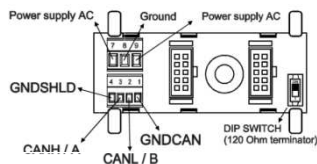
<b>Protocol</b>	CANBUS 2.0
<b>Max speed</b>	1 Mbps
<b>Terminals</b>	Screws, removables , 3 way, 5,08 mm
<b>Connectors</b>	IDC10 back connectors (Din guide)

## CONNECTIONS, INSTALLATION, LAYOUT

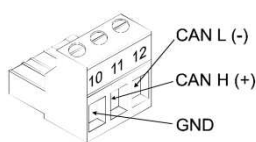
### Power supply by IDC10 back connector



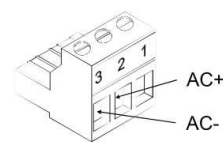
### Backplane for din guide



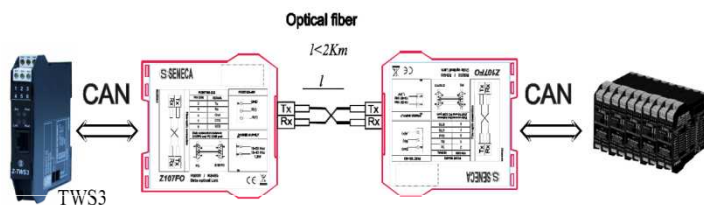
### CAN port



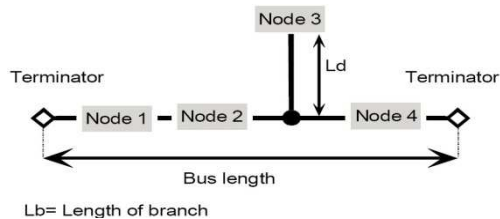
### Power through terminals



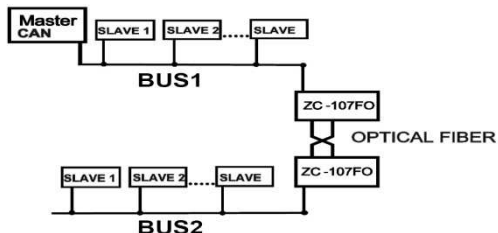
### Application example



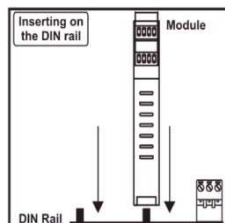
### CAN line



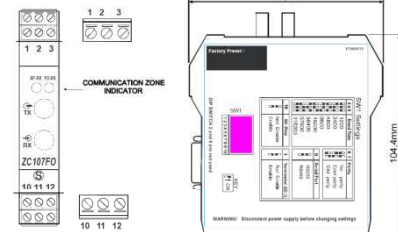
### Application example



### Mounting on DIN guide



### Layout



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