

Z-PC LINE COMMUNICATION DEVICES

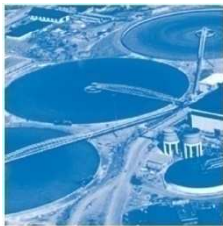
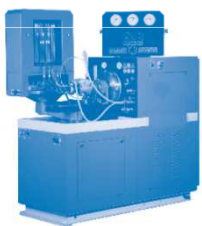
ZC-107FO

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 μ m), 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



➔ For further information, please visit www.seneca.it

ZC-107FO

Fiber Optic ↔ CAN bus converter



CE

ORDER CODE

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

TECHNICAL SPECIFICATION

GENERAL FEATURES

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

FIBER OPTIC

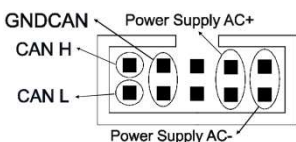
Type	Multimodal(62,5/125 o 50/125 μm)
Connectors	ST / ST Frontal connectors
Delay message	300 μs
Max distance	2 km

CAN INTERFACE

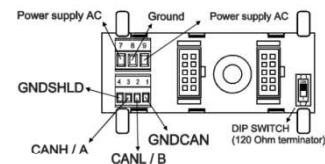
Protocol	CANBUS 2.0
Max speed	1 Mbps
Terminals	Screws, removables , 3 way, 5,08 mm
Connectors	IDC10 back connectors (Din guide)

CONNECTIONS, INSTALLATION, LAYOUT

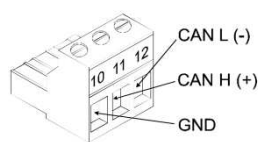
Power supply by IDC10 back connector



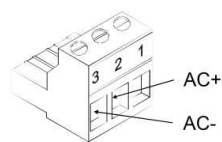
Backplane for din guide



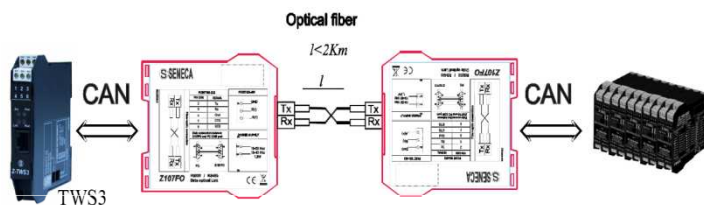
CAN port



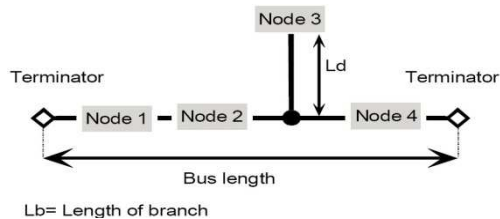
Power through terminals



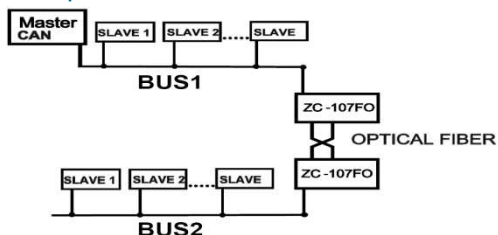
Application example



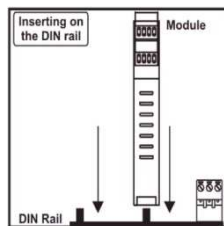
CAN line



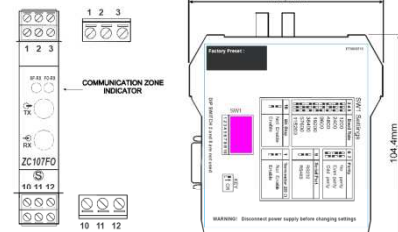
Application example



Mounting on DIN guide



Layout



via Germania, 34 • 35127 Padova - Italy - Ph +39 049 87.05.359 (.408)
Fax +39 049 87.06.287 • www.seneca.it • info@seneca.it

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