

### DATA SHEET

Part N°DS TB 22-1110

## MIC-22 TERMINAL BLOCK

### MIC-110 TERMINAL PROCESSOR

The module controls the I/O-conditioners over a local Terminal Block Bus, performs I/O-calculations and transfers data over the fieldbus.

#### Specifications:

##### CAN INTERFACE

Layer: differential, according to ISO 11898, 1 Mbit/s

Interface: electrically isolated with external (10VDC... 40VDC) or internal power supply 1000VDC isolation to the system

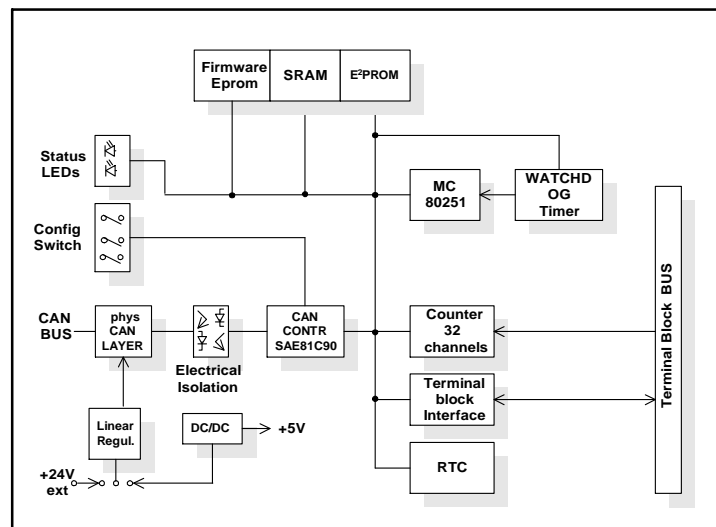
Topology: line terminated on both sides  
Bus medium: Twisted pair cable

Data transfer rate versus bus length:

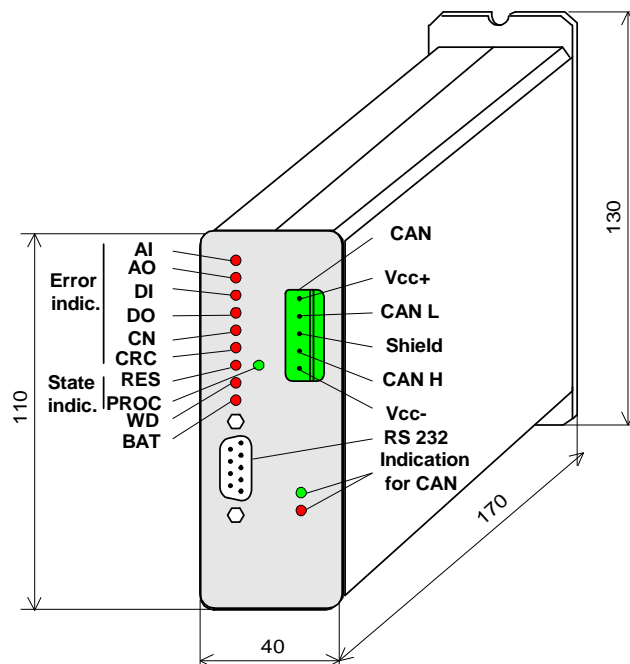
Data transfer rate	Bus length up to
1 Mbit/s	40 m
500 Kbit/s	100 m
250 Kbit/s	250 m
125 Kbit/s	500 m

Diagnostic LEDs  
32 independent Counters  
128 byte Serial E<sup>2</sup>PROM  
160 kb SRAM  
64 kb EPROM

Power consumption: 2,5 W  
Weight: 250 g



Module schematic



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ENVIROMENTAL CONDITIONS:	REFERENCE	EXTREME	TRANSPORTATION
Temperature Range	20°C to 25°C	0°C to 50°C	-30°C to 65°C
Humidity ( % RH )	10% to 60%	10% to 90%	5% to 95%