



Short description

The CAN 100 optical fiber probe facilitates potential free signal transmission according to CAN standards. The very small probe head is installed directly into the assembly. The bidirectional optical transmission path achieved through the double-plastic optical fiber cable is suitable for the signal transmission during EMC tests.

The modules support the High-Speed CAN up to a maximum transmission rate of 1 Mbit/s. With lower transmission rates the edge steepness of the CAN signals can be set with an adjusting controller. An internal bus termination of 120 Ohm can also be switched on or off.

Technical parameters

Transmission range	0 ... 1 Mbit/s
Optical fibre connector	2 x 2.2 mm Ø
CAN transceiver	SN65HVD251
Supply voltage	5 V
Current input	max. 80 mA
Optical fibre length	max. 10 m (max. 6 m at 1 Mbit/s)
Sizes (L x W x H)	(37 x 12 x 8) mm