CAN/InterBus Coupler

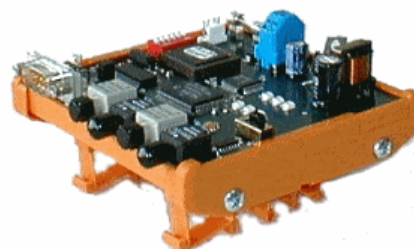**Bihl + Wiedemann**
THE AS-INTERFACE MASTERS

**Connection of a CAN network
and a InterBus network
via integrated interfaces**

**Easy data exchange
between CAN and InterBus
via the internal coupling**

CE

Article no. BW1243: InterBus baud rate 500 KBaud

The CAN/InterBus Coupler is the easiest solution to exchange data between CAN and InterBus.

In big applications is often a need to exchange data between the robot control and another PLC, e. g. to report the process status. This problem was solved in the past with the help of normal I/O modules, with the inputs of the robot control connected to the outputs of the other PLC and vice versa. With the use of the CAN/InterBus coupler to solve this problem the installation costs as well as the components costs can be reduced.

The CAN/InterBus coupler consists of a CAN slave with 20 bytes input data and 20 bytes output data and an InterBus slave with 20 bytes input data and 20 bytes output data in one housing. The outputs of one slave are connected to respective inputs of the other slave and vice versa.

There is a galvanic isolation between CAN and InterBus.

The device has got 6 LEDs for commissioning and diagnosis.

As long as one of both slaves does not exchange data the other slave reads on each input a 0 as default.

Article no.	BW1243
Connections	CAN: D-Sub 9-pin InterBus: Fiber optic interface
InterBus interface	on basis SUPI 3
Baud rates	500 KBaud
Functions	imaging of the CAN Data as I/O data of the InterBus
CAN baud rates	20 KBaud, 125 KBaud, 500 KBaud, 1 MBaud
Display	6 LEDs
Operating current	< 100 mA at 24 V
Operating voltage	24 V DC
Voltage of insulation	$\geq$ 500 V
EMC directions	EN 50 082, EN 50 081
Operating temperature	0°C … +55°C
Storage temperature	-25°C … +85°C
Housing	housing for DIN-rail mounting
Protection category (DIN 40 050)	housing IP00
Dimensions (L /W /H in mm)	110 /105 /60
Weight	200 g

CAN/InterBus connections