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FlexMedia 100BASE-T1

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The FlexMedia 100BASE-T1 is a converter for 100BASE-T1 to 100BASE-TX and vice versa. With the FlexMedia 100BASE-T1, it is possible to connect an automotive Ethernet network to a standard PC for testing or diagnostic purposes. It supports up to 100 MBits in full duplex mode on both sides.

BENEFITS

- Master and slave mode selectable via DIP-switch
- Broadcom BCM89810 transceiver is used for the 100BASE-T1 conversion
- Supply voltage: 8-48V DC
- Status LEDs
- RJ45 connector for 100BASE-TX
- D-Sub 9 pin male connector for 100BASE-T1
- IP20
- Temperature range -40°C to +85°C

HARDWARE

Electrical Characteristics

Supply voltage			
	Min.	Typ.	Max.
Operating	+8.0 V	-	+48.0 V
Absolut maximum (non-operating)	-60.0 V	-	+60.0 V
Supply current - operating	typ: 80 mA		

Table 1: Electrical characteristics

Physical Characteristics

Connectors	RJ45, D-Sub 9
Weight approx.	145 g
Dimensions approx. L x W x H	92 * 65 * 28 mm3

Table 2: Physical characteristics

Environmental Conditions

Temperature	Operating:	-40°C – +85°C
	Non-operating:	-40°C – +85°C
	Storage:	-40°C – +85°C
Relative Humidity	0% – 90% r. H., non-condensing	

Table 3: Environmental conditions

SCOPE OF DELIVERY

FlexMedia 100BASE-T1

ORDER INFORMATION FlexMedia 100BASE-T1

Product	Description	Ordering number
FlexMedia 100BASE-T1	The FlexMedia 100BASE-T1 is a media converter 100BASE-T1-100BASE-TX	3-V0930A01

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