Status LEDs

Fieldbus signal
input

Fieldbus signal
output

Top view

EL6740-0010 | Interbus slave terminal

The Interbus slave terminal facilitates data exchange between EtherCAT and Interbus. For both bus systems the terminal "mirrors" up to 32 word input and 32 word output to the respective other system. The outputs are written to the inputs of the other bus with minimum delay. The terminal can use the Interbus protocol up to a baud rate of 2 Mbits. Due to the connection via EtherCAT, no PCI slots are required in the PC.

Technical data	EL6740-0010
Technology	Interbus slave terminal
Fieldbus	Interbus, max. 400 m between 2 stations at 500 kbit/s
Number of fieldbus channels	1
Data transfer rates	500 kbits, 2 Mbits (default)
Interfaces	2 x D-sub plug, 9-pin, plug and socket with screening and vibration lock
Max. number of bytes fieldbus	32 word input and 32 word output
Hardware diagnosis	status LEDs
Distributed clocks	–
Type of connection	only remote bus
Current consumption power contacts	–
Current consumption E-bus	typ. 450 mA
Special features	status LEDs
Weight	approx. 80 g
Operating/storage temperature	0…+55 °C/-25…+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/see documentation
Approvals	CE, UL, Ex

System	
Interbus	For further Interbus products please see the system overview.

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