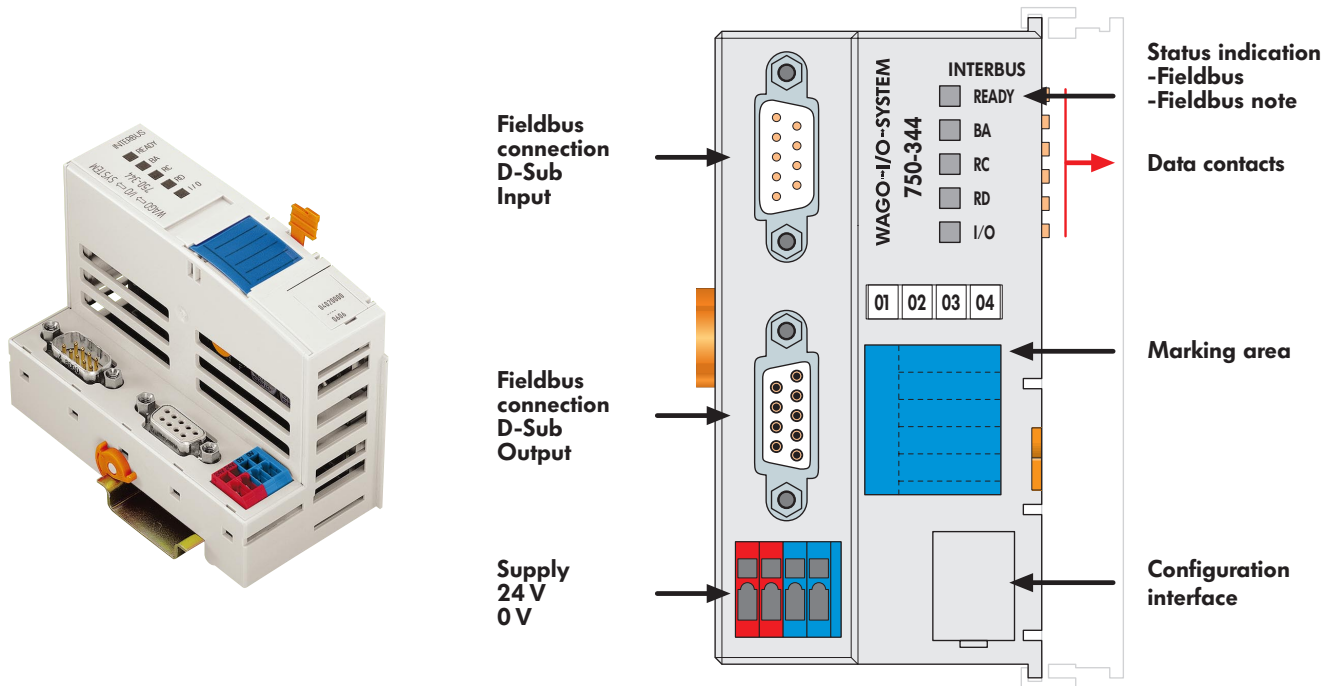


INTERBUS ECO Fieldbus Coupler; EN 50254; 500 kBaud; digital and analog signals



The ECO fieldbus coupler is designed for applications with a reduced scale I/O requirement. Using digital only process data or small amounts of analogs, while retaining all of the choice that's offered by the Series 750 I/O.

The coupler has an integrated supply terminal for the system voltage. The field power jumper contacts are supplied via a separate supply module.

The INTERBUS bus coupler is capable of supporting all I/O modules and automatically configures, creating a local process image.

INTERBUS allows the storing of the process image in the corresponding Master control (PLC, PC or NC).

The local process image is divided into two data zones containing the data received and the data to be sent.

The process data can be sent via the INTERBUS fieldbus to the PLC, PC or NC for further processing, and received from the field via INTERBUS.

The data of the analog modules is stored in the process image which is created automatically according to the order in which the modules are connected to the buscoupler. The bits of the digital modules are sent byte by byte and added to the analog data. If the amount of digital information exceeds 8 bits, the buscoupler automatically starts with a new byte.

Description	Item-No.	Pack.-unit pcs	System Data	
ECO INTERBUS	750-344	1	Max. no. of nodes	256
			Max. no. of I/O points	4096 (depends on master)
			Transmission medium	certified Cu cable
			Max. length of fieldbus segment	400 m
			Baud rate	500 kbaud
			Transmission time	typ. 1.43 ms
				(10 nodes; 32 Is, 32 Os per node)
			Buscoupler connection	1 x D-Sub 9; plug for input interface
				1 x D-Sub 9; socket for output interface

