Actuator unit MDI-DUO-04

Technical data MDI-DUO-04

Power supply:	24VDC, 0,3A (PLC power supply)
alternative:	12VDC, 0,6A (Car electrical system, OBD-connector or mains supply circuit)
Dimensions:	Length: 245mm, Width: 245mm, Height: 56mm
	(without Harting-connectors and wall brackets)
Weight:	approx. 2kg
Protection category:	closed aluminium case IP64
PLC interface (24V):	each 4 opto-isolated in- and outputs via 14-pin Harting-plug
	8 in- and 8 outputs as option
Diagnostics:	K-Line and CAN-Bus interface
	connected to the vehicle's OBD connector.
	Various protocols like Keyword 2000, VW1281, ISO 9141 CAN TP1.6 and 2.0 as well as ISO-TP with UDS.
Firmware updates:	with USB stick via USB host interface.
Display:	four 20-digit line LCD display with backlight.
Operation:	2 switches and one push button for manual mode.

Field of application MDI-DUO-04

The MDI-DUO unit controls the actuation of the ABS/ESP solenoid valves and syncronizes with the brake fill machine during the process.
The unit is mounted to the console of the brake fluid filling machine.
The "Evac and fill" as well as "Repair Bleed" process can be selected.
The operator is guided through the repair bleed process step by step.
For repair bleed without filling machine we recommend our hand-held device MDI-DUO-05.

USB Interface:

For Firmware updates connect a USB stick with the new firmware to the USB interface.

Trace-files:

All data sent and received on the CAN or K-Line bus as well as the PLC I/O's are recorded and timestamped.
Each filling sequence creates a single file that is stored onto a internal 1GB SD-card.
The files can be copied to an USB stick for further evaluation.

The MDI-DUO-04 replaces the former MDI-DUO-01/03 units.