

a.) HE 5760 Cleaning controller

The HE 5760 is a master-slave controller consisting of a main control unit and several valve control units for the cleaning process of industrial dedusting systems.

The HE 5725 valve control units, each of which controls 12 valves, are used to expand the system into a complete dedusting control system. Up to 48 valve control units can be centrally controlled as CAN „slaves“ by the HE 5760. The valves are assigned to filter chambers. The control unit is set to the existing number of chambers and valves using the configuration menu.



Technical data			
Supply voltage	24 V DC (18...30 V DC)		
Display	Graphic LC display: 240 × 64 pixels, 133 × 39 mm Colour: green, backlight: LED		
Control elements	Membrane keypad, 16 function keys, customised designation. Numeric keypad, cursor/control block		
Real-time clock	Date, time (power failure buffer: approx. 1 year)		
µ Processor	Siemens C167CR		
Memory	256 kByte static RAM · 512 kByte FLASH Data · 512 kByte FLASH Programm · 8 kByte parallel EEPROM		
Inputs (on board)	4 × analogue: 4...20 mA, block galvanically isolated, 8 × digital: 24 VDC galvanically isolated		
Outputs	8 × digital: 24 V DC galvanically isolated, short-circuit-proof		
CAN bus	according to ISO 11898, max. 1 Mbit/s · Specification: 2.0A · Supply: galvanically isolated		
Profibus-DP	according to EN 50 170, max. 12 Mbit/s · Automatic baud rate detection · RS 485		
Serial interface	RS 232 and RS 422 or RS 485 Baud rate selectable via software max. 38400 bit/s		
Housing	Panel mounting Protection class: front IP54, rear IP20		
Dimensions	295 × 200 × 40 mm (W × H × D) Required cut-out: 265 × 170 mm		
Jumper	CAN bus termination (bus termination). Must not be carried out if the termination has already been carried out on the outside of the connector.		
Humidity	Permanent 75 % rel. humidity, non-condensing		
Shock resistance	DIN 40046 IEC68-2-69		
EMC	EN 61000-6-3 (2007) + A1	EN 61000-6-2 (2005)	
Connection technology	Via plug/screw plug-in terminals (max. cross-section 2.5 mm²)		
Climatic environmental conditions	Storage	Operation	Relative humidity
	- 20 °C ... + 70 °C	0 °C ... + 50 °C	permanent 75 % non-condensing
Switch box version	Dimensions	Material	Protection class
	760×760×300 mm (W × H × D)	Steel plate RAL 7035, Powder-coated	IP55 (higher on request)

