

MERCER Air/Electronic Converters

Air flow converters with mounted inductive axial probe from MERCER.

- One measuring channel and bayonet connector for one sensor (air plug or air ring).
- Two versions available for use with TESA or MERCER gauge units.
- Signal processing, classification of the measured values, storage of the measurements results or statistical computing through their possible linking to an electronic gauge unit.
- Shafts having bores may additionally be mated through difference measurement.



DIN 2271

Air flow converters with connector for one sensor

Air mains connection: pipe thread G1/4 as per ISO 228-1.

Air supply (before pressure setting): $\geq 4,1$ bar.

Air supply (after pressure setting): 3 bar.

Air consumption when escaping from the gauge head: $\leq 1,0$ m³/h.

55 x 55 x 165 mm (without electronic probe)

5°C to 45°C

Air unit and connecting T-piece must be ordered separately since they are not included in the MERCER Air/Electronic Converters scope of supply (see tables)

Shipping packaging

Identification number

MERCER Air/Electronic Converters with mounted TESA axial probe



µm

in

Compatible axial probes for use with the MERCER electronic gauge units

S95010020	AE6/493-3	Standard	$\leq \pm 15$	$\leq \pm 0.0005$
	Also included: Probe 493.003 V01, No. 03236493			
S95010021	AE6/495-3	Special	$\leq \pm 50$	$\leq \pm 0.0020$
	Also included: Probe 495.003 V01, No. 03236495			

Compatible axial probes for use with the TESA length measuring instruments

S95010030	AE6/493-4	Standard	$\leq \pm 15$	$\leq \pm 0.0005$
	Also included: Probe 493.004 V01, No. 03230493			
S95010031	AE6/495-4	Special	$\leq \pm 50$	$\leq \pm 0.0020$
	Also included: Probe 495.004 V01, No. 03230495			

Accessories

- S95010022 Air dressing unit**
Consists of 1 check valve, 2 air filters dealing with liquids and solid contaminants, 1 pressure regulator.
- S95010023 Air connecting unit**
To be mounted once the pneumatic unit is assembled. Allows up to 4 MERCER Air/Electronic Converters to be connected.

Important
When asking for a quotation or writing down your order, it is important to state your requirements according to the information on page 0.

