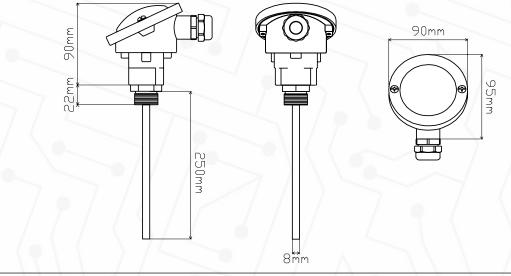


Table

DIMENSIONS:

MODEL	RESOLUTION	THRESHOLD 1	THRESHOLD 2	OUTPUT 4-20mA	LOWER END OF SCALE@20mA	SELF-ACQUISITION	RS485
GMTRB005D	0.1 mg/m ³	5 mg/m ³	10 mg/m ³	YES	10/50 mg/m ³	NO	YES





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Industrial measurements: TRIBOELECTRIC PROBES

TECHNICAL SPECIFICATIONS

Power supply	24Vdc ± 10%		
Maximum absorbed power	1 W		
Resolution	0.1 mg/m ³ (See table)		
Range setting	Automatic/manual		
Dust particle size	> 0.3 µm		
Type of measurable products	Dust particles in gaseous fluid		
Flow speed	> 4 m/s		
Measurement principle	Charge displacement		
Alarm threshold 3 (Fault)	Automatically activated by the test function		
Alarm outputs	2 opto-isolated outputs with solid state relay,		
	protected with resettable fuses		
Maximum output current	100mA		
Maximum voltage applicable to the outputs	48V		
Output functions	Set normally closed or normally open		
	Common to negative or positive		
Probe operating temperature	< 220°C		
Probe operating pressure	< 2 bar		
Electrode material	AISI 304 stainless steel		
Stylus diameter	Standard 8 mm		
Die-cast	Aluminium enclosure		
Humidity	< 95% non-condensing.		
Ambient temperature for electronics	-20°C - +65°C		
Dimensions	DIN A		
Measurable elements	All non-aggressive gases		
Electrical connection	One 3-pole terminal block + one 6-pole terminal block		
Mechanical connection	3/4" G		
Protection rating	IP 65		
Display	4 LED		
Output 4-20 mA	Opto-isolated Max load 500 Ω		
Serial output	RS485 with two wires		
Certifications	CE/ATEX ZONE 22 D		

ACCESSORIES:



EXTENSION FOR TRIBOELECTRIC PROBE STYLUS:

GMPRLO01-I - Length: 100mm Ø = 8 mm GMPRL002-I - Length: 200mm Ø = 8 mm GMPRL004-I - Length: 400mm Ø = 8 mm







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The Technical and Commercial offices are at full disposal for any other inquiry.