

Selection and ordering data		Order No.	
CALOMAT 6 gas analyzer For field installation		7MB2511-	0 - A
Connections for sample gas Ferrule screw connection for pipe, outer diameter 6 mm Ferrule screw connection for pipe, outer diameter 1/4"		0 1	Cannot be combined
<u>Measured component</u>	<u>Smallest/largest measuring range</u>		
H ₂ in N ₂	0 ... 1/100 %	AA	AA
H ₂ in N ₂ (blast furnace gas measurement) ¹⁾	0 ... 5/100 %	AW	AW
H ₂ in N ₂ (converter measurement) ¹⁾	0 ... 5/100 %	AX	AX
H ₂ in N ₂ (wood gasification) ¹⁾	0 ... 5/100 %	AY	AY
H ₂ in Ar	0 ... 1/100 %	AB	AB
H ₂ in NH ₃	0 ... 1/100 %	AC	AC
He in N ₂	0 ... 2/100 %	BA	
He in Ar	0 ... 2/100 %	BB	
He in H ₂	0 ... 10/80 %	BC	BC
Ar in N ₂	0 ... 10/100 %	CA	
Ar in O ₂	0 ... 10/100 %	CB	
CO ₂ in N ₂	0 ... 20/100 %	DA	
CH ₄ in Ar	0 ... 15/100 %	EA	EA
NH ₃ in N ₂	0 ... 10/30 %	FA	FA
H ₂ monitoring (turbo generators)		GA	GA
• CO ₂ in air	0 ... 100 %		
• H ₂ in CO ₂	0 ... 100 %		
• H ₂ in air	80 ... 100 %		
<u>Add-on electronics</u>			
Without		0	
AUTOCAL function		1	
• With 8 additional digital inputs and outputs		6	6
• With 8 additional digital inputs/outputs and PROFIBUS PA interface		7	7
• With 8 additional digital inputs/outputs and PROFIBUS DP interface		8	8
• With 8 additional digital inputs/outputs and PROFIBUS PA Ex-i interface			
<u>Power supply</u>		0 1	
100 ... 120 V AC, 47 ... 63 Hz			
200 ... 240 V AC, 47 ... 63 Hz			
<u>Explosion protection, incl. certificate</u>			
Without		A	
Acc. to ATEX II 3G, non-flammable gases		B	B
Acc. to ATEX II 3G; flammable gases ²⁾		C	
FM/CSA certificate – Class I Div 2		D	D
According to ATEX II 2G, leakage compensation ²⁾		E	E
According to ATEX II 2G, continuous purging ²⁾		F	F
ATEX II 3D certificate; potentially explosive dust atmospheres			
• In non-hazardous gas zone		G	
• In Ex zone acc. to ATEX II 3G, non-flammable gases		H	
• In Ex zone acc. to ATEX II 3G, flammable gases ²⁾		J	
<u>Language</u> (supplied documentation, software)			
German		0	
English		1	
French		2	
Spanish		3	
Italian		4	

1) Ready to enter external correction of cross-interferences for CO, CO₂ and CH₄ (CH₄ only for blast furnace gas and wood gasification).

2) Only in connection with an approved purging unit.

Selection and ordering data

Additional versions		Order code
Add "-Z" to Order No. and specify order codes.		
Set of Torx screwdrivers	A32	
TAG labels (specific lettering based on customer information)	B03	
Clean for O ₂ service (specially cleaned gas path)	Y02	
Measuring range indication in plain text, if different from the standard setting	Y11	
Additional units for Ex versions		Order No.
<u>ATEX Category II 2G (zone 1)</u>		
BARTEC EEx p control unit, 230 V, "leakage compensation"	7MB8000-2BA	
BARTEC EEx p control unit, 115 V, "leakage compensation"	7MB8000-2BB	
BARTEC EEx p control unit, 230 V, "continuous purging"	7MB8000-2CA	
BARTEC EEx p control unit, 115 V, "continuous purging"	7MB8000-2CB	
Ex isolation amplifier	7MB8000-3AB	
Ex isolating relay, 230 V	7MB8000-4AA	
Ex isolating relay, 110 V	7MB8000-4AB	
Differential pressure switch for corrosive and non-corrosive gases	7MB8000-5AA	
Stainless steel flame arrestor	7MB8000-6BA	
Hastelloy flame arrestor	7MB8000-6BB	
<u>ATEX Category II 3G (zone 2)</u>		
BARTEC EEx p control unit, 230 V, "continuous purging"	7MB8000-2CA	
BARTEC EEx p control unit, 115 V, "continuous purging"	7MB8000-2CB	
<u>FM/CSA (Class I Div. 2)</u>		
Ex purging unit Minipurge FM	7MB8000-1AA	
Retrofitting sets		
RS 485/Ethernet converter	A5E00852383	
RS 485/RS 232 converter	C79451-Z1589-U1	
RS 485 / USB converter	A5E00852382	
AUTOCAL function with 8 digital inputs/outputs	A5E00064223	
AUTOCAL function with 8 digital inputs/outputs and PROFIBUS PA	A5E00057315	
AUTOCAL function with 8 digital inputs/outputs and PROFIBUS DP	A5E00057318	
AUTOCAL function with 8 digital inputs/outputs and PROFIBUS PA Ex i (firmware 4.1.10 required)	A5E00057317	