

Selection and ordering data
Order No.
LDS 6 in-situ gas analyzer

 C) **7MB6121-** 

19" rack unit for installation in cabinets

Explosion protection

Without, not suitable for connection to Ex sensors

0

Without, suitable for connection to Ex sensors in accordance with ATEX II 1 G Ex ia IIC T4,

1

ATEX II 1D Ex iaD 20 IP65 T135 °C

Measured component
Possible with application letter of the respective channel

O ₂	B, C, P		A
O ₂ /temp	B		B
NH ₃	A, E, F, T		C
NH ₃ /H ₂ O	A, E, F, T		D
HCl	A, H, T		E
HCl/H ₂ O	A, H, T		F
HF	A, H	A)	G
HF/H ₂ O	A, H	A)	H
CO	C		J
CO/CO ₂	D		K
CO ₂	A		L
H ₂ O	A, T		M

Application letter of measured component channel 1
Application examples channel 1¹⁾

A	Emission monitoring, non-certified		A
B	Emission monitoring, combustion optimization		B
C	Safety monitoring with appropriate plant concept		C
D	Process control		D
E	SNCR-DeNOx		E
F	SCR-DeNOx		F
H	Filter optimization		H
P	Process control (high pressure)		P
T	Emission monitoring, certified according to 17th BImSchV and MCerts, in combination with measured component variants C, D, E, F, M		T

Application letter of measured component channel 2
Application examples channel 2¹⁾

X	Channel 2 not used		X
A	Emission monitoring		A
B	Combustion optimization		B
C	Safety monitoring with appropriate plant concept		C
D	Process control		D
E	SNCR-DeNOx		E
F	SCR-DeNOx		F
H	Filter optimization		H
P	Process control (high pressure)		P
T	Emission monitoring, certified according to 17th BImSchV and MCerts, in combination with measured component variants C, D, E, F, M		T

A) Subject to export regulations AL: 2B351A, ECCN: EAR99

C) Subject to export regulations AL: N, ECCN: EAR99

¹⁾ The examples shown represent possible applications where appropriately configured LDS 6 solutions can be used. The user is responsible for the prevailing conditions (plant concept (possibly redundant), application of appropriate components required in addition, compliance with possible directives, etc.).

Selection and ordering data

LDS 6 in-situ gas analyzer

19" rack unit for installation in cabinets

Application letter of measured component channel 3	Application examples channel 3 ¹⁾ External 24 V DC power supply included in scope of delivery
X	Channel 3 not used
A	Emission monitoring
B	Combustion optimization
C	Safety monitoring with appropriate plant concept
D	Process control
E	SNCR-DeNOx
F	SCR-DeNOx
H	Filter optimization
P	Process control (high pressure)
T	Emission monitoring, certified according to 17th BImSchV and MCerts, in combination with measured component variants C, D, E, F, M

Language (supplied documentation, software)

German
English
French
Spanish
Italian

Order No.

C) 7MB6121- 00 - 0

X
A
B
C
D
E
F
H
P
T

0
1
2
3
4

Selection and ordering data

Additional versions

Add "-Z" to Order No. and specify order code

Telescopic rails (2 units)

Set of Torx tools

TAG labels (customized inscription)

Order code

A31

A32

Y30

Additional units

External power supply for hybrid cable length > 500 m

Calibration verification kit for NH₃ (version 2)

TÜV/MCERT calibration verification kit NH₃ (version 2), 2 cells

TÜV/MCERT calibration verification kit NH₃/H₂O (version 2), 3 cells

TÜV/MCERT calibration verification kit H₂O (version 2), 2 cells

Calibration verification kit for NH₃ (version 1)

TÜV/MCERT calibration verification kit NH₃ (version 1), 2 cells

TÜV/MCERT calibration verification kit NH₃/H₂O (version 1), 3 cells

TÜV/MCERT calibration verification kit H₂O (version 1), 2 cells

TÜV/MCERT calibration verification kit HCl, 2 cells

TÜV/MCERT calibration verification kit HCl/H₂O, 3 cells

Calibration verification kit for O₂ (version 2)

Calibration verification kit for CO (version 2)

Calibration verification kit for CO₂ (version 2)

Calibration verification kit for CO/CO₂ (version 2)

Zero gas verification kit for all gases except O₂

B) Subject to export regulations AL: N, ECCN: 3A991X

D) Subject to export regulations AL: 91999, ECCN: N

E) Subject to export regulations AL: 91999, ECCN: 3A991X

Order No.

A5E00854188

E) A5E01075594

B) A5E00823339013

B) A5E00823339014

B) A5E00823339015

B) A5E00534675

E) A5E00823339003

D) A5E00823339004

D) A5E00823339005

B) A5E00823339008

B) A5E00823339009

B) A5E01143755001

B) A5E01143755003

B) A5E01143755004

A5E01143755006

A5E00823386009

The examples shown represent possible applications where appropriately configured LDS 6 solutions can be used. The user is responsible for the prevailing conditions (plant concept (possibly redundant), application of appropriate components required in addition, compliance with possible directives, etc.).