

Selection and Ordering Data

Order No.

In situ LDS 6 gas analyzer

D) 7MB6122 - - - - -

Sensor pair (cross duct)

Ex-protection

without
acc. to ATEX II 1 GD

Ignition protection

n.a.
Ex ia

Measured component

Standard cross duct

Component

O₂
all gases except O₂

Purging mode, process side

No purging

Instrument air or N₂
moderate flow 0 to 120 l/min
incl. needle valve, 6 mm Swagelok

Air or N₂
elevated flow 200 to 500 l/min
incl. 6 mm Swagelok

Air, blower fan, or steam;
high flow: > 500 l/min
incl. 1 ¼" hose adapter

Sensor side

No purging
Air or N₂, 1 to 2 l/min;
incl. needle valve, 6 mm Swagelok

No purging
Air or N₂, 1 to 2 l/min;
incl. needle valve, 6 mm Swagelok

No purging
Air or N₂, 1 to 2 l/min;
incl. needle valve, 6 mm Swagelok

No purging
Air or N₂, 1 to 2 l/min;
incl. needle valve, 6 mm Swagelok

Purging tubes, material

No purging tubes
Stainless steel SS 2343/316L

Purging tubes, length

No purging tubes
400 mm
800 mm
1200 mm
Engine lab version
Special length

Process interface

Stainless steel flange (SS 2343/316 L), size acc. to DN 65/PN 6
Stainless steel flange (SS 2343/316 L), size acc. to ANSI 4"/150 lbs
Stainless steel flange, engine lab version
High pressure SS flange with borosilicate window, DN 65/PN 6
High pressure SS flange with borosilicate window, DN 80/PN 16
High pressure SS flange with borosilicate window, ANSI 4"/150 lbs

Hybrid cable

No hybrid cable
Standard length

Length [m]

5
10
25
40
50
only > 50

0
1

A
W

A

B

C

D

E

F

G

H

0
1

0

1

2

3

4

9

0

1

2

3

4

5

X

A

B

E

G

H

Z

Selection and Ordering Data

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In situ LDS 6 gas analyzer

Sensor pair (cross duct)

D) 7MB 6 1 2 2 -

Loop cable**Length [m]**

No loop cable

Standard length

5

10

25

Customized length

only > 25

X
A
B
E
Z**Language (supplied documentation)**

German

English

French

Spanish

Italian

0
1
2
3
4

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

Selection and Ordering Data**Further models**

Order code

Please add „-Z“ to Order No. and Order code

6 mm Swagelock adapter for purging with steam, purge mode G and H

D) A27

Purging tube, special length

M1Y

Hybrid cable, customized length

P1Y

Loop cable, customized length

Q1Y

TAG label, customer-defined inscriptions

D) Y30

Additional units

Order No.

LDS 6, air blower fan 230 V

D) A5E00829151

LDS 6, air blower fan 115 V

D) A5E00829150

LDS 6, additional alignment kit

D) A5E00253142

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