

Gas sampling fitting with L-probe for oxygen measurement

Type: MF 060.90.200



Special Features:

- Oxygen measurement in gas atmospheres
- simple gas sampling
- Inexpensive
- Reliable
- Insensitive to temperature
- Insensitive to vibration
- Easily replaceable
- Fitting adapted to customers needs

General features of the probe:

The probe measures the residual oxygen content in a measuring chamber at the end of the measuring gas fitting. The probe signal can be tapped off as a voltage. The probe is heated with a constant voltage. For heating and supplying only power supply approved by MESA may be used.

The quantity of gas passing the probe should be within a range of 20...50 l/h. Too much gas volume can change the highly constant probe temperature, which results in a falsification of the measured value. Every probe includes two constants (K1 and K2). These constants must be entered in the measuring instruments (e.g. intelligent measuring transmitter Carbo48, Carbomat-M, MCON Carbo), if not there will be some measuring faults.

Technical Data

Dimension of sensing head:
105 x 290 x 45 mm (B x H x D)

Rated length: 400...1200mm

Connection L-probe:
Snap closure

Necessary additional parts:
NTV44P for heating the L-probe and controlling temperature.

Measuring range:
0...1300 mV

Order number

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Device name

Gas sampling fitting NL 400

Gas sampling fitting NL 500

Gas sampling fitting NL 600

Gas sampling fitting NL 720

Gas sampling fitting NL 800

Gas sampling fitting NL 900

Gas sampling fitting NL 1000

Gas sampling fitting NL 1100

Gas sampling fitting NL 1200

Gas sampling fitting special length