

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	Device name
520-3536	Gas sampling fitting NL 400
520-3515	Gas sampling fitting NL 500
520-3516	Gas sampling fitting NL 600
520-3517	Gas sampling fitting NL 720
520-3518	Gas sampling fitting NL 800
520-3519	Gas sampling fitting NL 900
520-3510	Gas sampling fitting NL 1000
520-3511	Gas sampling fitting NL 1100
520-3512	Gas sampling fitting NL 1200
520-3500	Gas sampling fitting special length