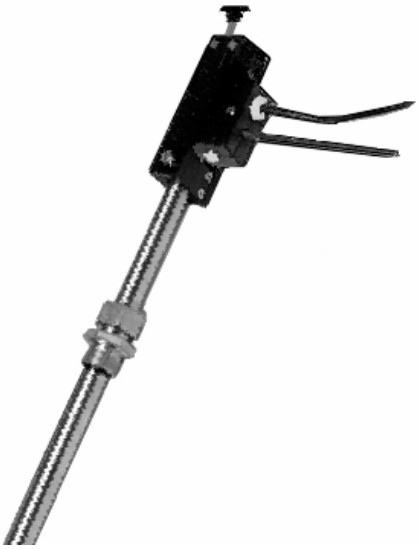
mesa electronic

3.03.1



Gas sampling fitting with L-probe for oxygen measurement*

Besonderheiten:

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

Function:

Die 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 supplying the heating only power supply inits 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 **Carbo 15/ 47, Carbo 100, Carbo 1000, Carbo-M, Carbomat-M**) .

Please see next page 2

* **covered by a patent**

MESA Electronic GmbH, D-82538 Geretsried-Gelting, Leitenstr. 26, Tel.: 0049 (0)8171 / 7693-0, Fax: 0049 (0)8171 / 7693-33
E-Mail: info@mesa-gmbh.com, Homepage: www.mesa-gmbh.com

Technical Data:

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

Rated length:
500...1100 mm

Connection L-probe:
snap closure

Necessary additional parts:
NT-R44 for heating the L-probe and controlling temperature.

Measuring range:
0...1300 mV

All spezifications subject to change without prior notice.

Needed Accessories:

- **NTV44G**
- **VE 02**

Optional Accessories:

- **Thermocouple for %C-calculation**
- **Pump with condensing trap**
- **Carbo 15/ 47**
- **Carbo 100**
- **Carbo 1000**
- **Carbomat-M**
- **Carbo-M**

MESA Electronic GmbH, D-82538 Geretsried-Gelting, Leitenstr. 26, Tel.: 0049 (0)8171 / 7693-0, Fax: 0049 (0)8171 / 7693-33
E-Mail: info@mesa-gmbh.com, Homepage: www.mesa-gmbh.com