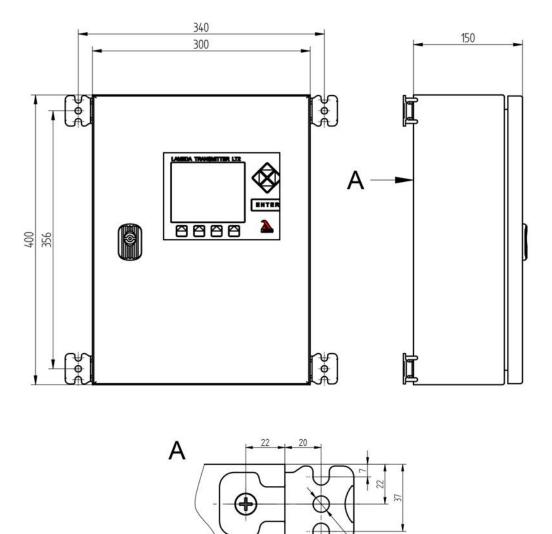




Fig. 1 LT2 in wall mounting housing

Fig. 2 LT2 in wall mounting housing with reference air pump



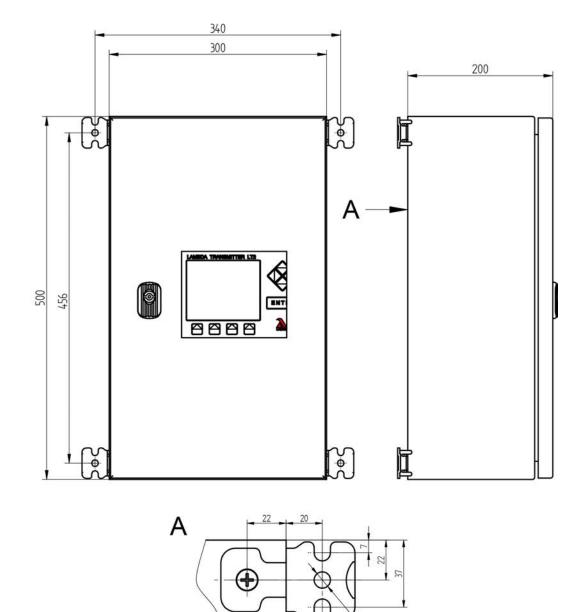


Fig. 4 Dimensional drawing LT2 in wall mounting housing with reference air pump

|                        | Standard without reference air<br>pump   | With reference air pump   |
|------------------------|--|---|
| Housing                | sheet steel, powder-coated   |   |
| Dimensions (H x W x D) | 400 x 300 x 150 mm /<br>5.75" x 11.81" x 5.91" in  | 500 x 300 x 200 mm /<br>19.69 x 11.81 x 7.87" in                        |
| Colour                 | light grey RAL 7035  |   |
| Weight                 | 10 kg / 22.05 lb<br>with display and operating unit +0,5 kg<br>/1.10 lb                      | 13 kg / 28.66 lb<br>with display and operating unit +0,5 kg<br>/1.10 lb |
| Control elements       | Display and operating unit with LCD graphic display (option)<br>LSB Remote Software (option) |   |

| Characteristics                |  |
|--------------------------------|--|
| Power supply                   | 230 VAC and 115 VAC<br>+10 % / -15 %, 48 Hz 62 Hz<br><b>Use only in earthed networks!</b>      |
| Power consumption              | max. 50 VA short-term 150 VA (heating phase probe)   |
| Display                        | LCD graphic display 100 x 80 mm (W x H) / 3.94 x 3.15" in in wall mounting housing             |
| Resolution                     | $O_2$ : 0,1 Vol. % $O_2$ in range 0 18 Vol. % $O_2$<br>CO: 1 ppm in CO range                   |
| Time for operational readiness | for initial commissioning of the probe 60 minutes, otherwise approx. 10 minutes after MAINS ON |

| Interface  |   |
|--|---|
| LAMTEC SYSTEM BUS (LSB)                                    |   |
| Direct communication with LAMTEC burner con-<br>trol units | Transmission of measured values, warning and fault mes-<br>sages, receiving commands  |
| Fieldbus connection to PROFIBUS DP                         | <ul> <li>Reading values, status, faults and warnings</li> <li>Reset faults and warnings</li> <li>Setting digital outputs</li> </ul> |

| Analogue outputs            |   |
|-----------------------------|---|
| 1 4 current/voltage outputs | 1 standard – 2 4 option   |
|                             | Direct current 0/4 20 mA load 0 600 $\Omega$ non floating (potential isolation optional)<br>Direct voltage 0 10 V load $\geq$ 10 k $\Omega$ non floating (potential isolation optional) |

| Analogue inputs      |   |
|----------------------|---|
| Analogue inputs: 1 4 | via plug-in card on LT2 power pack electronic   |
|                      | <ul> <li>Analogue input module potentiometer 1 5 kΩ</li> <li>type 657P6000</li> </ul>   |
|                      | <ul> <li>Analogue input module 0/4 20 mA type 663P6001</li> </ul>   |
|                      | <ul> <li>Analogue input module 0/4 20 mA with supply 24 VDC for transducer type 663P6002</li> </ul>   |
|                      | <ul> <li>Temperature input for Pt100 sensor type 657R0890<br/>temperature range 0 320 °C/32 °F 608 °F<br/>0 850 °C/32 °F 1562 °F<br/>resolution 1 °C/33.8 °F</li> </ul> |

| Digital outputs |  |
|-----------------|--|
| Digital outputs | 1 standard + 6 optional  |
|                 | <ul> <li>1 relay output 0 230 VAC, 2 A - 0 42 VDC, 3 A collective fault indicator</li> </ul>               |
|                 | <ul> <li>relay card with 6 relays (1 changeover switch)</li> <li>0 230 VAC, 2 A - 0 42 VDC, 3 A</li> </ul> |

| Digital inputs |  |
|----------------|--|
| Digital inputs | 8 inputs - configurable (any)<br>Factory settings: 24 VDC referenced to instrument potential,<br>can be switched via jumper to floating, for external voltage<br>source. |

| Operating Conditions |   |
|----------------------|---|
| Relative humidity    | 0 % 100 %                               |
| Installation height  | < 2,000 m / 6,561.68 ft above sea level |

### Environmental Conditions LT2 in Wall Mounting Housing

|                      | •                       | 0  |
|----------------------|-------------------------|--|
| Operation            | perm. temperature range | -20 +60 °C / -4 +140 °F                        |
| Transport            | perm. temperature range | -40 +85 °C / -40 +185 °F                       |
| Storage              | perm. temperature range | -40 +85 °C / -40 +185 °F                       |
| Degree of protection | according to DIN 40050  | IP66   |
| Explosion protection | none                    |  |
| CE Declaration of    | 2014/35/EU              | Low Voltage Directive                          |
| Conformity           | 2014/30/EU              | EMC Directive                                  |
|                      | 2009/142/EC             | Gas Appliance Directive                        |
|                      | 94/9/EG ATEX            | Directive in the corrected version of 10.10.96 |
|                      |                         |  |

#### **Order Information**

### NOTICE

All options marked with \* correspond to the standard selection.

#### NOTICE

Configuration for limit value and measured value output according to SIL1 available.

| Description / Type  | Order no. |
|---|-----------|
| Lambda Transmitter LT2 in wall mounting housing   | 657R102   |
|   |           |
| A 03 – PROBE  | Selection |
|   | Selection |
| CONFIGURATED FOR COMBI PROBE KS1D <sup>1</sup> (O <sub>2</sub> -MEASUREMENT and CO-DETECTION) | KS1D      |

1 The analogue outputs for the combination probe KS1D can only be supplied in floating version.

| A 06 – TYPE   | Selection |
|---|-----------|
| STANDARD  | 1S*       |
| FOR PROBE WITH GED FLEX AND PURGE UNIT<br>internal built-in relay module R0017 (attribute 39, selection 30) is necessary  | 3A        |
| FOR PROBE TYPE "KAF - SEMI AUTOMATIC CALIBRATION AND PURGING"<br>Internal built-in pressure sensor card (analogue input 1 A27 and analogue input 2 A30) and<br>internal built-in relay module R0017 (attribute 39, selection 30) is required,<br>selection not necessary, will be setted automatically by the system! | 4КА       |
| FOR PROBE TYPE "EX-AREA 1"  | 7EX1      |
| FOR PROBE TYPE "EX-AREA 2"  | 8EX2      |
| FOR PROBE TYPE "HT - EJECTOR EXTRACTION"<br>internal built-in relay module R0017 (attribute 39, selection 30) is necessary  | 9E        |
|   |           |

| A 09 – DISPLAY  | Selection |
|---|-----------|
| WITH DISPLAY AND OPERATION UNIT (wall mounting housing with window) | a1        |

A 12 – PRESSURE SENSOR – Selection not necessary, will be setted automatically by the system

| A 15/18/21/24 – ANALOGUE OUTPUT 1/2/3/4  | Selection<br>Output 1 | Selection<br>Output 2 | Selection<br>Output 3 | Selection<br>Output 4 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| WITHOUT ANALOGUE OUTPUT  | not possible          | c20*                  | c30*                  | c40*                  |
| ANALOGUE OUTPUT CURRENT 4 20 mA  | c11*                  | c21                   | c31                   | c41                   |
| ANALOGUE OUTPUT CURRENT 0 20 mA  | c12                   | c22                   | c32                   | c42                   |
| ANALOGUE OUTPUT VOLTAGE 0 10 V   | c13                   | c23                   | c33                   | c43                   |
| ANALOGUE OUTPUT CURRENT 4 20 mA FLOATING   | c14                   | c24                   | c34                   | c44                   |
| ANALOGAUSGANG STROM 4 20 mA FLOATING REG<br>Necessary in conjunction with O <sub>2</sub> -control via analogue input at FMS/VMS<br>(0 25 Vol.% O <sub>2</sub> $\rightarrow$ 4 20 mA) | c15                   | c25                   | c35                   | c45                   |
| ANALOGUE OUTPUT CURRENT 0 20 mA FLOATING   | c16                   | c26                   | c36                   | c46                   |
| ANALOGUE OUTPUT VOLTAGE 0 10 V FLOATING  | c17                   | c27                   | c37                   | c47                   |

A 27/30/33/36 - ANALOGUE INPUT 1/2/3/4 Selection not necessary, will be setted automatically by the system

| A 39 – DIGITAL OUTPUTS, LIMIT VALUES, O <sub>2</sub> -CONTROLLER, FIRING-RATE   | Selection  |
|---|--|
| WITHOUT RELAY MODULE  | e00*   |
| RELAY MODULE WITH 6 DIGITAL OUTPUTS (EACH WITH ONE CHANGE-OVER CONTACT)   | e30  |
| FIRING-RATE DEPENDED LIMIT VALUES, FIRING-RATE INPUT VIA LSB, INCL. DIGITAL OUTPUTS   | e31  |
| FIRING-RATE DEPENDED LIMIT VALUES, FIRING-RATE INPUT VIA POTENTIOM. INCL. DIGITAL OUTPU   | TS e32   |
| FIRING-RATE DEPENDED LIMIT VALUES, FIRING-RATE INPUT VIA CURRENT, INCL. DIGITAL OUTPUTS   | e33  |
| O <sub>2</sub> -CONTROLLER (PID), FIRING-RATE INPUT VIA LSB, INCL. DIGITAL OUTPUTS <sup>1</sup>   | e34  |
| O <sub>2</sub> -CONTROLLER (PID), FIRING-RATE INPUT VIA POTENTIOMETER, INCL. DIGITAL OUTPUTS <sup>1</sup>   | e35  |
| O2-CONTROLLER (PID), FIRING-RATE INPUT VIA CURRENT, INCL. DIGITAL OUTPUTS**   | e36  |
| OUTPUT of "INTERNAL FIRING-RATE" AT ANALOGUE OUTPUT   | e40  |
| Additional required: analogue output current 4 20 mA, floating, for output of the O <sub>2</sub> -controller<br>A 42 – "EFFICIENCY CALCULATION, TEMPERATURE MEASUREMENT"<br>Analogue outputs for the flue gas temperature and / or the efficiency must be ordered separately (attrik<br>A21)<br>Additional required:<br>Temperature sensor PT100, -50 °C+400 °C/-58 °F +752 °F, length 150 mm/5.91" in, order no. 657R0   | Selection<br>bute A18/   |
| or<br>Temperature sensor PT100, -50 °C +400 °C/-58 °F +752 °F, length 250 mm/9.84" in, order no. 657R0  |  |
| WITHOUT EFFICIENCY CALCULATION  | fO*  |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPUT  | f1   |
| FLUE GAS TEMPERATURE RANGE 0 320 C/32 F 006 F, WITHOUT ANALOGUE OUTFUT  |  |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT  | f11  |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE   | f2   |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION  | PUT f2<br>f2<br>f22  |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU   | PUT <sup>f2</sup><br>ITPUT <sup>f2</sup>   |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPU   | f2           F2           f2           f2           f2           f2           f3                               |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION  | f2           F2           f2           f2           f2           f2           f3                               |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPL<br>FLUE GAS TEMPERATURE MEASUREMENT 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPL<br>FLUE GAS TEMPERATURE MEASUREMENT 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPUT  | PUT f2<br>ITPUT f3<br>f33  |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPUT<br>A 45 – POWER SUPPLY VOLTAGE   | PUT <sup>f2</sup><br>ITPUT <sup>f3</sup><br>ITS f3<br>Selection  |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPU   | PUT     f2       PUT     f22       ITPUT     f3       JT     f3       g1*     g2       Selection               |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPUT<br>A 45 – POWER SUPPLY VOLTAGE<br>POWER SUPPLY VOLTAGE 115 VAC<br>A 48 – REFERENCE AIR PUMP<br>Only necessary in conjunction with K-probes, if reference air of the probe can't be provided via on-site                  | PUT     f2       PUT     f22       ITPUT     f3       JT     f3       g1*     g2       Selection               |
| EFFICIENCY CALCULATION WITH FIXED ENVIRONMENT TEMPERATURE<br>FLUE GAS TEMPERATURE RANGE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUT<br>EFFICIENCY CALCULATION<br>FLUE GAS AND ENVIRONMENT TEMPERATURE 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OU<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 1,562 °F, WITHOUT ANALOGUE OUTPUT<br>FLUE GAS TEMPERATURE MEASUREMENT 0 850 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPUT<br>FLUE GAS TEMPERATURE MEASUREMENT 0 320 °C/32 °F 608 °F, WITHOUT ANALOGUE OUTPUT<br>A 45 – POWER SUPPLY VOLTAGE<br>POWER SUPPLY VOLTAGE 115 VAC<br>A 48 – REFERENCE AIR PUMP<br>Only necessary in conjunction with K-probes, if reference air of the probe can't be provided via on-site<br>pressed air | PUT <sup>f2</sup><br>TPUT <sup>f3</sup><br>f3<br>f3<br>f3<br><b>Selection</b><br>g1*<br>g2<br><b>Selection</b> |

| A 51 – HOUSING HEATING        | Selection |
|-------------------------------|-----------|
| WITHOUT HOUSING HEATING       | k0*       |
| HOUSING HEATING 230 VAC/120 W | k1        |

| A 54 – CO/O <sub>2</sub> -CONTROL/-MONITORING  | Selection   |
|--|---|
| WITHOUT CO/O2-CONTROL/-MONITORING  | m0*   |
| CO/O <sub>2</sub> -CONTROL PREPARED as MASTER-LT<br>Additional required:<br>LT2/KS1 prepared as SLAVE-LT and FMS/VMS or ETAMATIC with activated CO-Control   | m1  |
| CO/O <sub>2</sub> -CONTROL PREPARED as SLAVE-LT<br>Additional required:<br>LT1/LS1 or LT2/LS2 prepared as MASTER-LT and FMS/VMS or ETAMATIC with activated CO-Control  | m2  |
| CO/O <sub>2</sub> -MONITORING PREPARED as MASTER-LT<br>Additional required:<br>_T2/KS1prepared as SLAVE-LT   | m3  |
| CO/O <sub>2</sub> -MONITORING PREPARED as SLAVE-LT<br>Additional required:<br>LT1/LS1 or LT2/LS2 prepared as MASTER-LT   | m4  |
| CO/O <sub>2</sub> -MONITORING CONNECTING O <sub>2</sub> VIA EXTERNAL SYSTEM PREPARED as SLAVE-LT   | m5  |
| A 57 – CALCULATIONS  | Selection   |
| WITHOUT CALCULATIONS   | n0*   |
| CO <sub>2</sub> -CALCULATIONS<br>Analogue output for the CO <sub>2</sub> -value must be ordered separately (attribute A18/A21/A24)   | n1  |
| O <sub>2</sub> WET / DRY – CONVERSION  | n2  |
|  |   |
| A 60 – LANGUAGE SETTINGS   | Selection   |
|  | Selection   |
| LANGUAGE GERMAN/ENGLISH  |   |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH  | oD*   |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN   | oD*<br>oDF  |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH  | oD*<br>oDF<br>oE  |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH<br>LANGUAGE FRENCH/ENGLISH   | oD*<br>oDF<br>oE<br>oEF   |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH<br>LANGUAGE FRENCH/ENGLISH   | oD*<br>oDF<br>oE<br>oEF<br>oFE  |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH<br>LANGUAGE FRENCH/ENGLISH<br>A 63 - SPECIAL CONFIGURATION<br>WITHOUT SPECIAL CONFIGURATION<br>INSTALLATION IN STAINLESS STEEL HOUSING LT2 WITHOUT WINDOW (dimensions 400x300x200 mm)  | oD*<br>oDF<br>oE<br>oEF<br>oFE<br>Selection   |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH<br>LANGUAGE FRENCH/ENGLISH<br>A 63 - SPECIAL CONFIGURATION<br>WITHOUT SPECIAL CONFIGURATION<br>WITHOUT SPECIAL CONFIGURATION<br>INSTALLATION IN STAINLESS STEEL HOUSING LT2 WITHOUT WINDOW (dimensions 400x300x200 mm)<br>only LT2 without display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm)   | oD*           oDF           oE           oEF           oFE           Selection           z0*                      |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH<br>LANGUAGE FRENCH/ENGLISH<br>A 63 – SPECIAL CONFIGURATION<br>WITHOUT SPECIAL CONFIGURATION<br>INSTALLATION IN STAINLESS STEEL HOUSING LT2 WITHOUT WINDOW (dimensions 400x300x200 mm)<br>only LT2 without display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm)<br>only LT2 with display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm)<br>only LT2 with display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm)  | oD*           oDF           oE           oEF           oFE           Selection           z0*           z3         |
| LANGUAGE GERMAN/ENGLISH<br>LANGUAGE GERMAN/FRENCH<br>LANGUAGE ENGLISH/GERMAN<br>LANGUAGE ENGLISH/FRENCH<br>LANGUAGE FRENCH/ENGLISH<br>A 63 – SPECIAL CONFIGURATION<br>WITHOUT SPECIAL CONFIGURATION<br>INSTALLATION IN STAINLESS STEEL HOUSING LT2 WITHOUT WINDOW (dimensions 400x300x200 mm)<br>only LT2 without display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm)<br>only LT2 with display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm)<br>only LT2 with display and without reference air pump<br>INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm)<br>only LT2 with reference air pump<br>BUILT-IN IN EX-HOUSING  | oD*         oDF         oE         oEF         oFE         Selection         z0*         z3         z4            |
| A 60 - LANGUAGE SETTINGS LANGUAGE GERMAN/ENGLISH LANGUAGE GERMAN/FRENCH LANGUAGE ENGLISH/GERMAN LANGUAGE ENGLISH/FRENCH LANGUAGE ENGLISH/FRENCH LANGUAGE FRENCH/ENGLISH A 63 - SPECIAL CONFIGURATION WITHOUT SPECIAL CONFIGURATION INSTALLATION IN STAINLESS STEEL HOUSING LT2 WITHOUT WINDOW (dimensions 400x300x200 mm) only LT2 without display and without reference air pump INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm) only LT2 with display and without reference air pump INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 400x300x200 mm) only LT2 with display and without reference air pump INSTALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) only LT2 with display and without reference air pump BUILT-IN IN EEX-HOUSING SUITABLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) only LT2 with reference air pump BUILT-IN IN EEX-HOUSING SUITABLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (dimensions 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (DIMENSIONS 500x400x200 mm) ONING STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (DIMENSIONS STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (DIMENSIONS 500x400x200 mm) ON STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (DIMENSIONS STALLATION IN STAINLESS STEEL HOUSING WITH VIEWING DOOR (DIMENSIONS STALLATION IN STAIN | oD*         oDF         oE         oEF         oFE         Selection         z0*         z3         z4         z5 |

z91

Field bus module, order no. 663R040 – 1PB/LT PROFIBUS DP, CONNECTING at LT PARAMETERS FIELD BUS CONNECTION MODBUS Additional required:

Field bus module, order no. 663R040 – 3MBK/LT MODBUS on terminals (RTU), CONNECTING at LT



The information in this publication is subject to technical changes.

LAMTEC Meß- und Regeltechnik für Feuerungen GmbH & Co. KG Josef-Reiert-Straße 26 D-69190 Walldorf

Telefon: +49 (0) 6227 6052-0 Telefax: +49 (0) 6227 6052-57

info@lamtec.de www.lamtec.de



Printed in Germany | Copyright © 2022