

## Conductivity/Temperature-Transmitter LMIT 08 BASIC-version

- Inductive, principle of measurement, no maintenance required
- 5 internally selectable measuring ranges from 0-200  $\mu\text{S}/\text{cm}$  to 0-2  $\text{S}/\text{cm}$
- Automatic switch-over between the following measuring ranges: 2  $\text{mS}/\text{cm}$ , 20  $\text{mS}/\text{cm}$ , 200  $\text{mS}/\text{cm}$  and 2  $\text{S}/\text{cm}$
- Stored product-specific concentration graphs and temperature compensation factors for over 30 cleaning and disinfecting products
- Variable power supply 24 V AC or DC
- 2 electrically isolated current outputs 0(4)-20 mA for conductivity and temperature
- RS 232 printer interface for documenting configuration
- Permanently illuminated display with:
  - Concentration display in weight % or conductivity ( $\mu\text{S}/\text{cm}$  /  $\text{mS}/\text{cm}$  /  $\text{S}/\text{cm}$ )
  - Measured temperature values in  $^{\circ}\text{C}$
  - Name of product (in weight % configuration)
  - Control button symbols
- Menu-driven, multilingual intuitive user interface with code-protected access
- Measuring cell body without bonding seams and joints “in one cast“ therefore suitable for installation into product lines
- Measuring transmitter resistant to chemicals and temperature
- Transmitter housing made of stainless steel IP 67



The Conductivity/Temperature Transmitter **LMIT 08** embodies in the **BASIC** version all necessary functions required for **controlling concentrations** and **strengthening** of conductive media.

For the exact determination of concentration, e.g. of cleaning agents and disinfection products, a consideration of the temperature is absolutely necessary. The conductivity and temperature values are corrected according to programmed concentration graphs and temperature compensation factors. The result is a precise and

quick calculation of the concentration and/or conductivity value and the temperature of liquid products.

The various mounting versions

- Compact and
  - Wall-mounting version
  - Clamping ring attachment
  - and flange attachment
- enable a wide variety of installation versions.

## Conductivity/Temperature-Transmitter LMIT 08 CIP-version

- Inductive, principle of measurement, no maintenance required
- 5 internally selectable measuring ranges from 0-200  $\mu\text{S/cm}$  to 0-2 S/cm
- 4 externally selectable CIP-configurations
- Automatic switch-over between the following measuring ranges: 2 mS/cm, 20 mS/cm, 200 mS/cm and 2 S/cm
- Stored product-specific concentration graphs and temperature compensation factors for over 30 cleaning and disinfection products
- Variable power supply 24 V AC or DC
- 2 electrically isolated current outputs 0(4)-20 mA for conductivity and temperature
- RS 232 printer interface for documenting configuration
- Permanently illuminated display with:
  - Concentration display in weight % or conductivity ( $\mu\text{S/cm}$  / mS/cm / S/cm)
  - Measured temperature values in  $^{\circ}\text{C}$
  - Name of product (in weight % configuration)
  - Control button symbols
- Menu-driven, multilingual intuitive user interface with code-protected access
- Measuring cell body without bonding seams and joints “in one cast“ therefore suitable for installation into product lines
- Measuring transmitter resistant to chemicals and temperature
- Transmitter housing made of stainless steel IP 67



The Conductivity/Temperature Transmitter **LMIT 08** embodies in the **CIP** version all functions required for **phase separation** of the conductive media.

For the exact phase separation of e.g.

- Water/alkaline solution/acid
- Detergents/disinfectants/water
- Food products among each other (product phase separation)
- Detection of foreign matters

the externally selectable CIP-configuration and/or product-assigned measuring ranges are absolutely necessary.

The conductivity and temperature values measured are corrected according to stored concentration graphs and temperature compensation factors. The result is a precise and quick calculation of the concentration and/or conductivity value and temperature of liquid media for 4 CIP-areas.

# Conductivity/Temperature-Transmitter LMIT 08 PROFIBUS-version

- Inductive, principle of measurement, no maintenance required
- Configuration and parameterisation without direct intervention at Transmitter
- 5 internally and externally selectable measuring ranges from 0-200  $\mu\text{S}/\text{cm}$  to 0-2  $\text{S}/\text{cm}$
- Automatic switch-over between the following measuring ranges: 2  $\text{mS}/\text{cm}$ , 20  $\text{mS}/\text{cm}$ , 200  $\text{mS}/\text{cm}$  and 2  $\text{S}/\text{cm}$
- Stored product-specific concentration graphs and temperature compensation factors for over 30 cleaning and disinfection products
- Variable power supply 24 V AC or DC
- 2 electrically isolated current outputs 0(4)-20 mA for conductivity and temperature
- RS 232 printer interface for documenting configuration
- Permanently illuminated display with:
  - Concentration display in weight % or conductivity ( $\mu\text{S}/\text{cm}$  /  $\text{mS}/\text{cm}$  /  $\text{S}/\text{cm}$ )
  - Measured temperature values in  $^{\circ}\text{C}$
  - Name of product (in weight % configuration)
  - Control button symbols
- Menu-driven, multilingual intuitive user interface with code-protected access
- Measuring cell body without bonding seams and joints “in one cast” therefore suitable for installation into product lines
- Measuring transmitter resistant to chemicals and temperature
- Transmitter housing made of stainless steel IP 67



The Conductivity/Temperature Transmitter **LMIT 08** embodies in the **PROFIBUS** version all necessary functions required for **phase separation**, **concentration controls** and **strengthening** of conductive media.

The PROFIBUS-module offers for the very first time the option to configure and parameterise the transmitter without direct intervention at the transmitter.

The measured values for conductivity, concentration and temperature, as well as error messages are transferred by the LMIT 08 via the PROFIBUS to an SPS. The configuration data, parameters and measurement values are transmitted digitally via a shielded two-wire circuit. Normally up to 32 (with repeater up to 127) transmitters can be connected to one BUS line. The BUS address of the **LMIT 08** is set via the control panel.

## Conductivity/Temperature Transmitter LMIT 08 Pharma-version

- The version for Pharmacos offers the same functions as the CIP-version.

- **Specials:**

- an optimized sensor system increase the measuring exactness of the lowest  $\mu\text{S}$ -measurement range. That's why this unit is predestined to be used for phase separation of water bottling.  
(in a measurement range of  $0\text{...}40\mu\text{S/cm} = 0/4\text{...}20\text{mA}$  the unit is able to achieve an exactness of  $\pm 1\mu\text{S/cm}$  and resolution of  $0,125\mu\text{S/cm}$ )



- Universal power supply 24 V AC or DC
- 2 electrically isolated current outputs  $0(4)\text{-}20\text{ mA}$  for conductivity and temperature
- Printer interface RS 232 for documenting configuration
- Permanently illuminated display with:
  - Concentration display in weight % or conductivity ( $\mu\text{S/cm}$  /  $\text{mS/cm}$  /  $\text{S/cm}$ )
  - Measured temperature values in  $^{\circ}\text{C}$
  - Name of product (in weight % configuration)
  - Control button symbols
- Menu-driven, multilingual intuitive user interface with code-protected access
- Measuring cell body without bonding seams and joints “in one cast“ therefore suitable for installation into product lines
- Measuring transmitter resistant to chemicals and temperature
- Transmitter housing made of stainless steel IP 67

The conductivity/temperature transmitter **LMIT 08** embodies in the **Basic** version all necessary functions for the phase separation of the conductive media of e. g.

- water/alkaline solution/acid
- detergents/disinfectants/water
- food products among each other (product phase separation)
- detection of foreign matters

the externally selectable CIP-configuration and/or product-assigned measuring ranges are absolutely necessary.

The conductivity and temperature values measured and corrected according to the stored concentration graphs and temperature compensation factors. The result is a precise and quick calculation of the concentration and/or conductivity value and temperature of liquid media for 4 CIP-areas.

# Technical Manual

## Conductivity Measurement Transmitter

### LMIT 08

#### Technical Data:

<b>Transmitter housing</b>	Type:	deep-drawn high-grade steel
	Dimensions:	160 x 130 x 70 mm (l * w * h)
	Weight:	approx. 3 kg
	Type of protection:	IP 67 acc. To DIN 40050
	Housing bushings:	3 screw connections PG 13,5 (1 seal insert each for 4-6,5/5,5-9/6,5-10 mm)
	Transducer connection	PG 13,5; only for separate measuring cell version

<b>Transducer</b>	Type:	Cylindrical calotte with 10 mm measuring channel diameter
	Material:	E-CTFE or PEEK
	Dimensions:	55 x 53 mm (d * h)
	Pressure resistance:	PN = 16 bar at 20° C
	Temperature stability:	up to max. 130° C For short period up to max. 140° C (see diagram)
	Chemical resistance:	resistant to inorganic acids and alkalis
	Temperature sensor:	Pt 100 DIN in protective (material standard version: 1.4571 material pharma version: 1.4404)
	Sealing element:	O-ring, 62 x 3 EPDM (417001502) for clamp ring attachment (VARIVENT-SYSTEM) Moulded seal, EPDM (order No. 415501251) for flange connection (APV system)

#### Transmitter with integrated transducer (compact version)

Assembly:	Clamp ring attachment(VARIVENT-System) or flange connection (APV-System)
Fitting type:	Flow fitting 1.4404, for installation in piping 40, 50, 65, 80 and 100 mm with weld connection Weld-on ring (for VARIVENT-System only) 1.4404, for installation in piping DN 100 Weld-on ring 1.4404 for tank wall installation.

#### Transmitter with separate transducer (wall-mounted version)

Transmitter:	Fixing angle for wall assembly mounting
Transducer ass'y:	Clamp ring attachment(VARIVENT-System) or flange connection (APV-System)
Fitting type:	Flow fitting, 1.4404, for installation in piping DN 40, 50, 65, 80 and 100 mm with weld connection Weld-on ring (for VARIVENT-System only) 1.4404, for installation in piping > DN 100 Weld-on ring 1.4404, for tank wall installation
Connection lead:	5 m length
Type of cable:	6-pole special measuring cable, cut to length
Connection measuring cable:	- fixed connection on sensor side - free wire ends with wire end ferrules on unit side

# Technical Manual

## Conductivity Measurement Transmitter

### LMIT 08

#### Conductivity measurement

Measuring principle:	Induction method
Measuring frequency:	approx. 8 kHz
Conductivity measuring ranges:	0 ... 200 $\mu$ S/cm 0 ... 2 mS/cm 0 ... 20 mS/cm 0 ... 200 mS/cm 0 ... 2 S/cm
Standard product Measuring ranges:	NaOH      0 ... 5 % by weight HNO <sub>3</sub> 0 ... 5 % by weight H <sub>2</sub> SO <sub>4</sub> 0 ... 5 % by weight
Ecolab cleaning and disinfectant product measuring ranges: Measuring range selection:	0 ... 5 % by weight via keyboard in unit (for "CIP"-version also via 24 V control signals) (for PROFIBUS-version also via PROFIBUS FMS/DP – DPV1/PA - protocol) Internally up to 5 conductivity measuring ranges And more than 30 product measuring ranges Are available for selection.
Conductivity display:	digital, correct to 3 digit with units Conductivity in $\mu$ S/cm, mS/cm and S/cm
Product display:	Product name + concentrations in % by weight, digital, 3-digit.

#### Temperature measurement

Measuring principle:	Resistance measurement with Pt 100 DIN using 3 wire connection method Linearisation acc. To DIN IEC 751
Temp. measuring range:	-50° to 140° C
Temperature display:	digital 3 1/2 digit in °C with a resolution of 0,1° C (above 100° C resolution 1° C)
Accuracy:	$\pm$ 0,5° C (from 0 to 100° C)
Response time:	< 5 sec. from 0...90 % for flowing medium

#### Temperature Compensation

Reference temperatures:	0° C, 20° C and 25° C selectable using keyboard in unit
TC setting range:	0...5 %/K in increments of 0,01 %/K selectable using keyboard in unit
Function range of temperature compensation:	0...100° C and TC [ $\alpha/100 * (T-T_{ref}) \geq -0,5$ ]
TC-display:	digital, 3 digit in %
Resolution:	0,01 %/K
Automatical $T_{k\alpha}$ -determination:	call-up the function in the calibration menu change of min. 5° C temperature necessary

# Technical Manual

## Conductivity Measurement Transmitter

### LMIT 08

#### Measured value Outputs

Current output conductivity:	0/4 ... 20 mA
Max. load impedance- resistance:	400 Ω
Electrical connection:	plug-in screw terminals
Range spread(SPAN):	20 mA = 20 ... 150 % of conductivity measuring range 20 mA = 20 ... 100 % of product measuring range
Setting:	via keyboard
Zero point suppression:	0(4) mA = 0 ... 80 % of measuring range
Zero point display:	display in mS/cm or Display in % by weight
Current output temperature:	0(4) ... 20 mA
Max. load impedance:	400 Ω
Electrical connection:	plug-in screw terminals
Range spread (SPAN):	20 mA = 50 ... 150° C
Zero point suppression:	0(4) mA = 0 ... 50° C
Standard setting:	0(4) ... 20 mA = 0 ... 100° C

#### Power supply

Supply voltage:	24 V AC or DC
Tolerance:	± 15 %
Power consumption:	approx. 6 VA
Fuse protection:	5 x 20 mm miniature fuse 400 mA, slow-acting
Electrical connection:	plug-in screw terminals

#### Ambient conditions

Permitted ambient temp.:	0 ... 50° C
Influence of ambient temp.:	< 0,2 % / 10 K within the permitted range
Influence of supply voltage:	< 0,5 % within the permitted range
Permitted vibration	10 ... 150 Hz, 20 m/s <sup>2</sup>

#### Accuracy of conductivity measuring (referring to current output)

in the conductivity measuring ranges:	0...2/20/200 mS/cm and 0...2 S/cm (standard) 0...200 µS/cm, 0...2/20/200 mS/cm and 0...2 S/cm (pharma)
Linearity:	< 0,5 % of final value + 1 digit
Reproducibility:	< 0,5 % of final value + 1 digit
Zero point error:	< 0,5 % of final value + 1 digit
Load dependence:	< 0,2 % / 100 Ω load change

#### Stored product data:

HNO <sub>3</sub>	P3-flüssig 141	P3-horolith TR	P3-mip HP	P3-Rinsa black
H <sub>2</sub> SO <sub>4</sub>	P3-flüssig 2083	P3-horolith USP	P3-mip LF/LFT	P3-SR395
NaOH	P3-flüssig OS	P3-horolith V	P3-mip LH	P3-tresolin CIP
P3-aquanta BI	P3-horolith 283	P3-liquid CIP	P3-mip RC	P3-trimeta CID
P3-aquanta SI	P3-horolith BSR	P3-liquid OS	P3-mip SP	P3-trimeta CIDsp
P3-AR extra	P3-horolith CD	P3-mip 100	P3-mip TK	P3-trimeta Duo
P3-cosa CIP 72	P3-horolith CIP	P3-mip AH	P3-mip VA	P3-trimeta ES
P3-cosa CIP 77	P3-horolith FL	P3-mip ALU	P3-mip VL	P3-trimeta HC
P3-cosa CIP 92	P3-horolith KEG	P3-mip CIP	P3-mip zentra	P3-trimeta MS
P3-cosa CIP 95	P3-horolith MSW	P3-mip EA	P3-N421	P3-trimeta OP
P3-cosa PUR 83	P3-horolith PA	P3-mip FL	P3-oxonia active S	
P3-cosa PUR 84	PA P3-horolith PM	P3-mip flüssig	P3-polix XT	

## Ordering data

### Conductivity Measurement Transmitter LMIT 08

<b>CIP version</b>	Additional to BASIC version 4 externally selectable CIP configurations and current output assignments selection of CIP configurations is effected by 24 V AC/DC signals
<b>PROFIBUS version</b>	Additional to BASIC version 5 internally and externally selectable measuring range External configuration and parameterization

**NOTE:** In order to keep our products completely up to date, we reserve the right to make technical modifications.

#### Ordering Data:

Article	Material No.
<b>Conductivity/Temperature-Transmitter LMIT 08 "BASIS version"</b>	
<b>Clamp ring attachment:</b>	
Transmitter with integrated transducer (compact version)	189101
Transmitter with separate transducer (wall-mounted version)	189102
<b>Flange attachment:</b>	
Transmitter with integrated transducer (compact version)	189119
Transmitter with separate transducer (wall-mounted version)	189120
<b>Conductivity/Temperature-Transmitter LMIT 08 "CIP version"</b>	
<b>Clamp ring attachment:</b>	
Transmitter with integrated transducer (compact version)	189103
Transmitter with separate transducer (wall-mounted version)	189104
<b>Flange attachment:</b>	
Transmitter with integrated transducer (compact version)	189121
Transmitter with separate transducer (wall-mounted version)	189122
<b>Conductivity/Temperature-Transmitter LMIT 08 "PROFIBUS DP/V1-version"</b>	
<b>Clamp ring attachment:</b>	
Transmitter with integrated transducer (compact version)	189142
Transmitter with separate transducer (wall-mounted version)	189143

## Ordering data

### Conductivity Measurement Transmitter LMIT 08

#### Flange attachment:

Transmitter with integrated conductivity value transducer (compact version)	189146
Transmitter with separate conductivity value transducer (wall-mounted version)	189147

#### Conductivity/Temperature-Transmitter LMIT 08 “PROFIBUS PA-version“

#### Clamp ring attachment:

Transmitter with integrated transducer (compact version)	189144
Transmitter with separate transducer (wall-mounted version)	189145

#### Flange attachment:

Transmitter with integrated conductivity value transducer (compact version)	189148
Transmitter with separate conductivity value transducer	189149

#### Conductivity temperature transmitter LMIT 08 “Pharma-version“

#### lock ring attachment:

Transmitter with integrated conductivity value transducer (compact version) with CIP module	189166
Transmitter with separated conductivity value transducer (wall-mounted) with CIP module	189167

#### Conductivity temperature transmitter LMIT 08

#### Special version with coated PT100 temperature sensor

#### Lock ring attachment:

Transmitter with integrated conductivity value transducer (compact version) with integrated LCD-display	189109
Transmitter (wall mounted) with separate conductivity value transducer with integrated LCD-display	189110

#### Flange attachment:

Transmitter with integrated conductivity value transducer (compact version) with integrated LCD-display	189139
Transmitter (wall mounted) with separate conductivity value transducer with integrated LCD-display	189140

#### CIP-version with Lock ring attachment

Transmitter with integrated conductivity value transducer (compact version) with integrated LCD-display	189131
Transmitter (wall mounted) with separate conductivity value transducer with integrated LCD-display	189132

#### CIP-PCB

Additional to BASIC version with CIP configurations respectively as spare part	289152
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**Ordering data**  
**Conductivity Measurement Transmitter**  
**LMIT 08**

**PROFIBUS-PCB**

Additional to BASIS version  
for PROFIBUS DP  
for PROFIBUS DP/V1  
for PROFIBUS PA  
respectively as spare part

289154  
289156  
289158

**Power pack for LMIT 08 inclusive connecting cable**

418931005

Primary stress        240 V AC (cable length 1,5 m)  
Secondary stress     24 V AC (cable length 4,5 m)  
System of protection IP 65

**Conductivity simulator for LMIT 08**

289190

with 5 measuring range specific simulation resistors

**Conductivity simulator 200 $\mu$ S for LMIT 08**

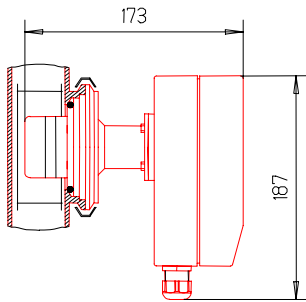
289191

with measuring range specific simulation resistor

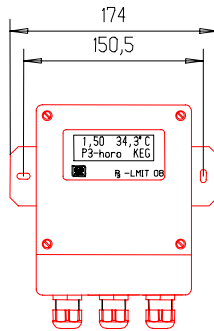
# Conductivity Measurement Transmitter LMIT 08

## Dimensions:

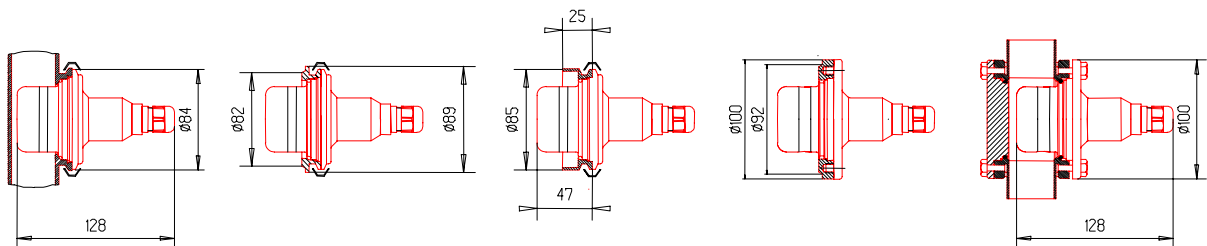
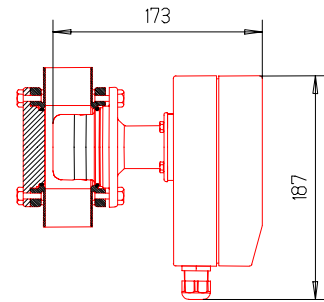
Compact unit tube installation  
with clamping ring attachment



Wall-mounted unit



Compact unit tube installation  
with flange attachment



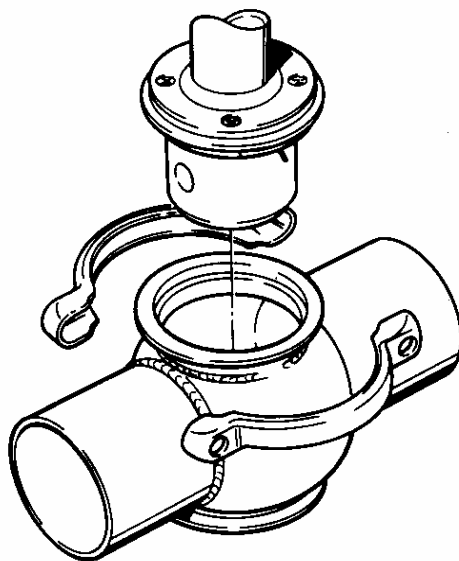
**Type:** flow fitting  
(according to German DIN 11850)  
**Material:** 1.4404, sealing  
EPDM  
**Diameter:** DN 40 – 100  
see page 1.06 – 1.09

**Type:** weld-on ring for  
tank wall installation  
**Material:** 1.4404, sealing  
EPDM  
**Item No.** 2.890.33  
see page 1.10

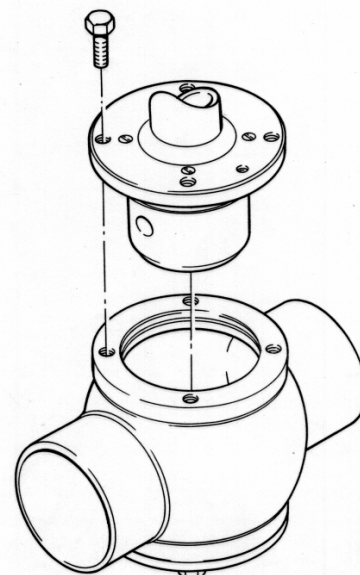
**Type:** weld-on ring for  
pipe mounting  
**Material:** 1.4404, sealing  
EPDM  
**Diameter:** > DN 100  
**Item No.** 41.5501.234  
see page 1.10

**Type:** weld-on ring for  
tank wall installation  
**Material:** 1.4404, sealing  
EPDM  
**Item No.** 41.5501.253  
see page 1.11

**Type:** flow fitting  
**Material:** 1.4404, sealing  
EPDM  
**Diameter:** DN 40 – 100  
see page 1.11



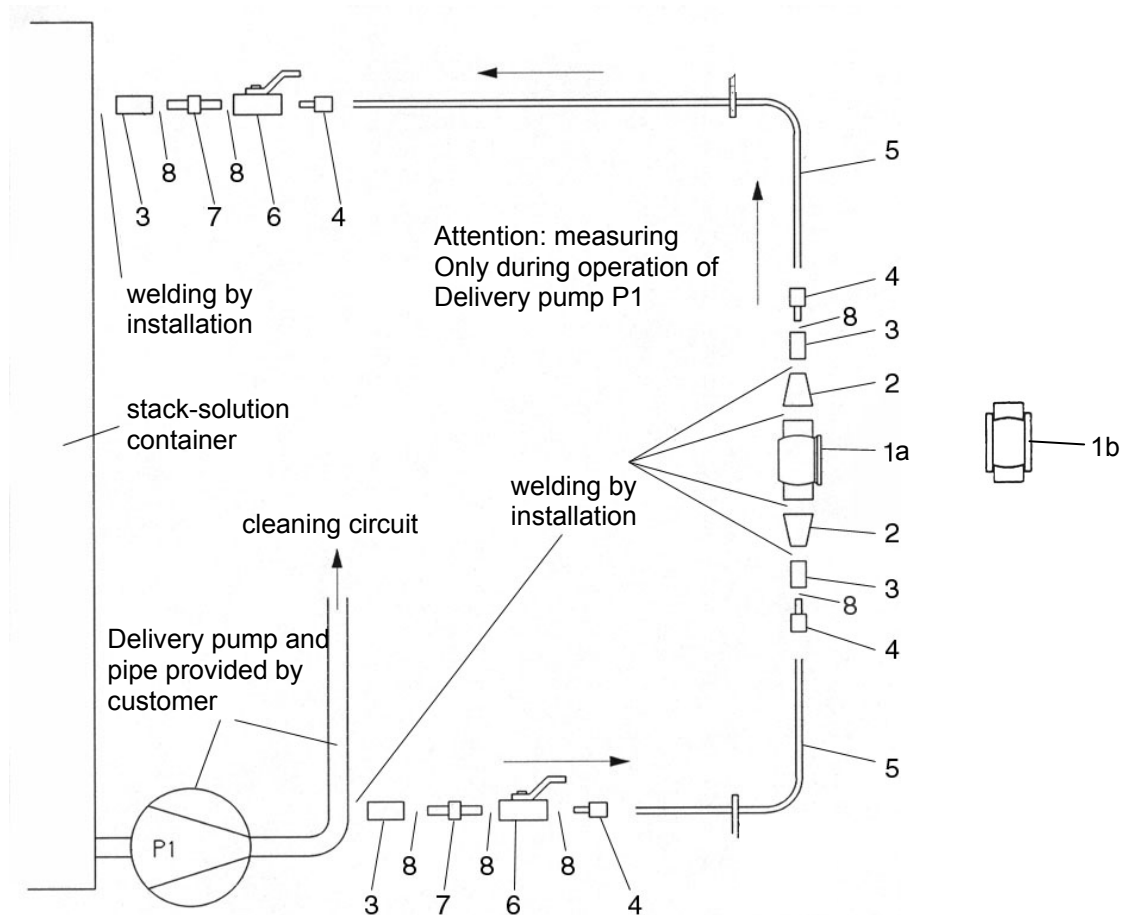
Clamping ring attachment



Flange attachment

## Conductivity Measurement System Configuration LMIT 08

**Suggested solution: Measurement system configuration in by-pass to circulation pump, with short return to tank**



**Measurement system configuration in by-pass, consisting of:**

Item	Qty	Material No.
1a Flow-through housing DN 40 (clamping ring attachment)	1	415501223
or		
1b Flow-through housing DN 40 (flange attachment)	1	415501261
2 Reducer d 42, 6-26,9 mm concentric, seamless stainless steel 304	2	415508884
3 Weld-on sleeve, G ½, stainless steel 304	4	415203424
4 Cutting-ring screw connection, G ½ for 12x1,5 mm tube	4	415101885
5 12 x 1,5 mm tube, stainless steel 304	4 m	415031164
6 Ball stop cock G ½, stainless steel	2	415502024
7 Double nipple, G ½, stainless steel 304	2	415203604
8 Teflon sealing tape (roll)	1	417100813

# Accessories

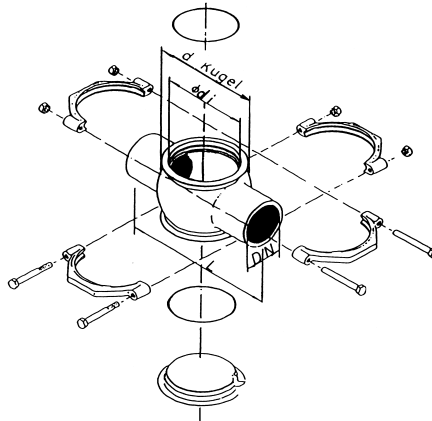
## Conductivity Measurement Transmitter

### LMIT 08

#### Ordering Data:

Article	Material No.
<b>Flow-through housing with clamping ring attachment</b>	
Sealing material: EPDM	
Surface: matted	
Material: 1.4404	
 <b>Housing:</b>	
2 open weld-on ends and connection mouth for measurement cap incl. all attachment parts, lock covers and seals	
DN 40	415501223
DN 50	415501224
DN 65	415501220
DN 80	415501221
DN 100	415501222
 Lock cover, 1.4571	 415501232
Clamping ring set, 1.4571	415501231
 Hexagon nut, 1.4301	 413228215
Hexagon head screw, 1.4301	413000270
O-ring, EPDM, 62 x 3	417001502

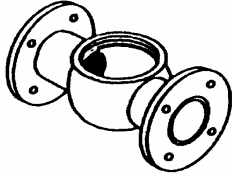
#### Dimensions:



DN	L	di	d ball
40	180	68	82
50	180	68	88
65	250	68	120
80	250	68	110
100	250	68	164
<b>weld-on endings</b>			
DN	Ø outside	Ø inside	wall thickness
40	41	38	1,5
50	53	50	1,5
65	70	66	2
80	85	81	2

## Accessories

### Conductivity Measurement Transmitter LMIT 08



**Article**

**Material No.**

**Flow-through housing like a. m. but with flanges according to German DIN 2633**

Seal: EPDM  
Surface: matted  
Material: 1.4404

DN 40 / PN 16  
DN 50 / PN 16

287029  
on request

**Flow-through housing, chemical design**

Seal: Viton B  
housing inside: halar-coated

DN 40 / PN 16  
DN 50 / PN 16

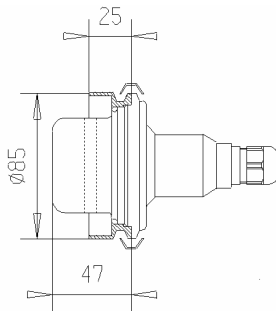
287025  
287026

o-ring Viton B 60 x 2

417003413

**Weld-on adapter with clamping ring attachment**

**Material: 1.4404**



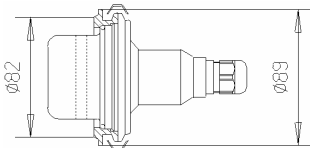
415501234

**Welding ring**

for fitting of the LMIT 08 measuring cell into pipes > DN 100

incl. attachment parts and sealing ring  
Way of welding: welded muff

289033



**Weld-on ring**

for fitting of the LMIT 08 measuring cell into the container-side-walls, incl. attachment parts and sealing ring

Way of welding: welded muff  
Sealing ring, EPDM  
Lock cover, 1.4571  
Clamping ring set, 1.4571

417001502  
415501232  
415501231

# Accessories

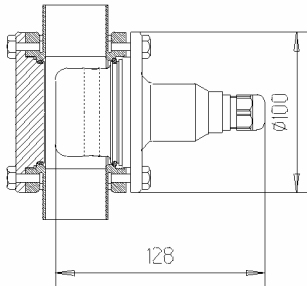
## Conductivity Measurement Transmitter LMIT 08

**Article**

**Material No.**

**Flow-through housing with flange attachment**

Sealing material: EPDM  
Surface: matted  
Material: 1.4404



**Version 1:**

Housing:  
2 open weld-on ends and connection mouth for measurement cap incl. all attachment parts, lock covers and seals

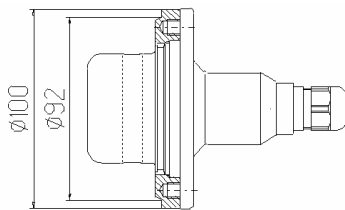
DN 40	415501261
DN 50	415501262
DN 65	415501263
DN 80	415501264
DN 100	415501265

Lock cover, 1.4404	415501252
Form seal, EPDM	415501251

**Weld-on ends**

DN	ext. Ø	int. Ø	wall thickness
40	41	38	1,5
50	53	50	1,5
65	70	66	2
80	85	81	2
100	104	100	2

**Weld-on adapter with flange attachment**  
**Material: 1.4404**



**Welded flange as tank installation fitting** 415501253  
For fitting of the LMIT 08 measuring cell into container side walls or into pipes > DN 100  
incl. attachment parts and sealing ring  
Way of welding: welded muff

Lock cover, 1.4404	415501252
Form seal, EPDM	415501251

**Spare parts**  
**Conductivity Measurement Transmitter**  
**LMIT 08**

<b>Article</b>	<b>Material No.</b>
<b>LMIT-08-transducer with clamp ring attachment</b> wall-mounted version (not useable for Pharma version)	
cable length 5 m	289103
cable length 20 m	289104
<b>LMIT-08-transducer with flange connection</b> wall-mounted version, cable length 5 m	289132
<b>LMIT –08-conductivity value transducer with clamp ring attachment, Pharma version</b> wall mounted version	
cable length 5 m	289142
cable length 10 m	289144

**Attention:** Before exchange the sensor, check the measuring transmitter.  
After sensor exchange, you have to calibrate the transmitter new.  
We recommend factory examination!